The National
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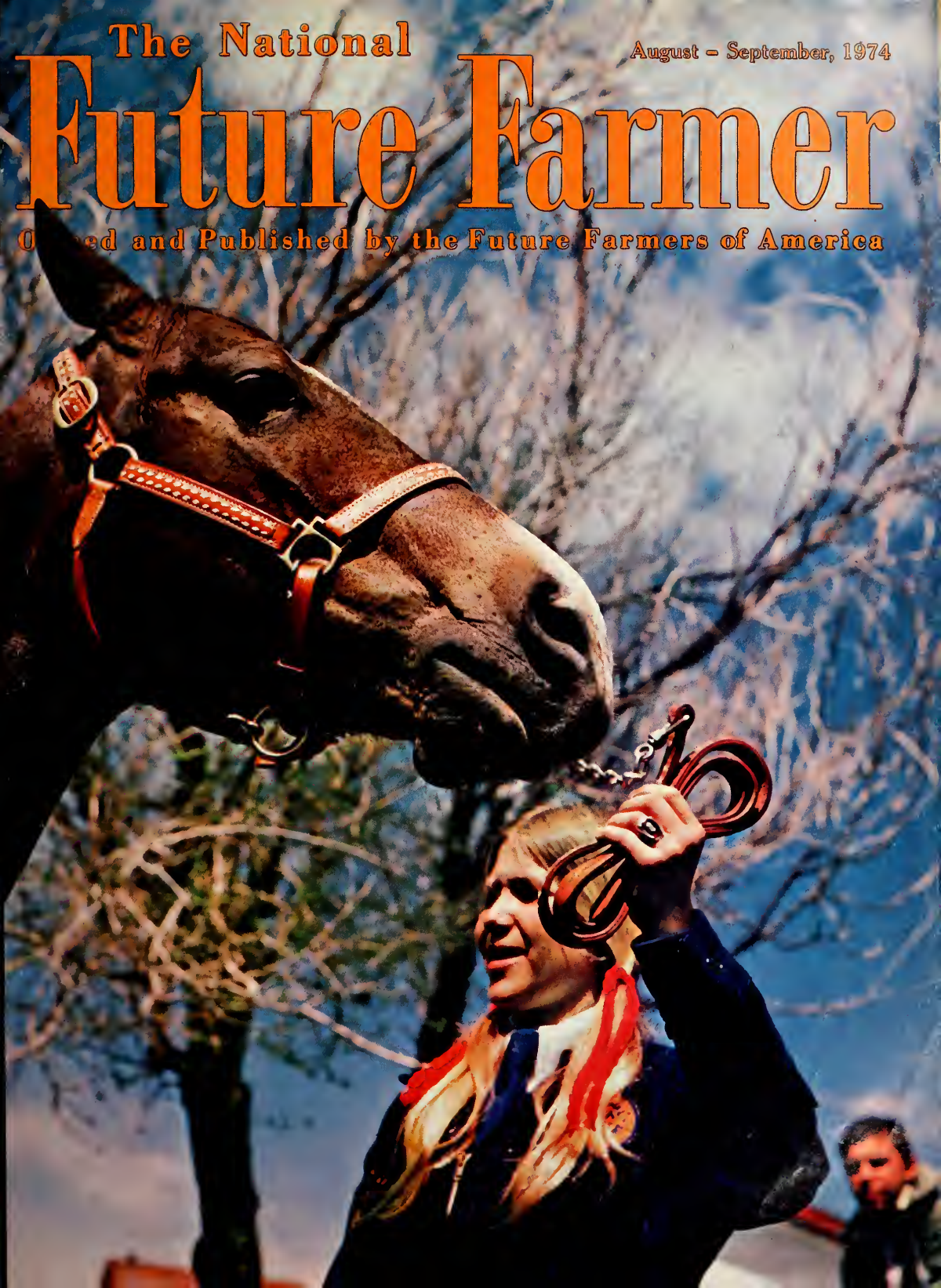

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A Word With The Editor

The American Royal

The 1974 American Royal Horse Show and Livestock Exposition, set for October 18-27, will take on added significance in future years because of its new showplace—the 14,000 seat Crosby Kemper Memorial Arena. Unfortunately, the new facility will not be ready for this year's event.

Following the morning session of the FFA convention on Friday, October 18, the new arena will be publicly dedicated. Dedication ceremonies are tentatively scheduled for around 11:30 a.m. The opening performance of the 1974 American Royal takes place at 2:00 p.m. that day. There will also be a night performance.

The American Royal, now in its 76th year, is the oldest and still one of the most prominent of all major horse shows in the United States. The nine-day show involves the community of Greater Kansas City and is the foremost annual civic affair in which the cities of Kansas City, Kansas, and Kansas City, Missouri, jointly participate.

Through its long history, spanning more than three-quarters of a century, the American Royal has experienced good times and bad. Depressions, wars, fires, floods, epidemics, and shortages have rained body blows on the event. But, somehow, the American Royal has always bounced back.

Hundreds of cattle, hogs, and sheep will be on hand as will some 1,700 horses and ponies from horse farms and stables all over the country. In the horse show division there will be cash awards of approximately $60,000 plus scores of trophies and ribbons while the purebred cattle will be vying for premiums and awards totaling more than $40,000.

The American Royal Parade through downtown Kansas City is scheduled for Saturday morning, October 19. The FFA band will lead the parade which has become somewhat traditional.

Wilson Carnes, **Editor**

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The Cover

Cattle and horses are an important element in western agriculture. Members of the Burns FFA Chapter in Wyoming prepare for judging contests on the ranches of FFA Alumni members who provide livestock and help the students evaluate the animals. On our cover, the Quarter Horse held by Carla Miller belongs to Burns FFA Alumni member Richard Erickson who regularly helps FFA members sharpen their judging skills. Carla raises livestock and horses herself and is an active member of the Burns FFA Chapter. The horse she is holding was grand champion at the Wyoming State Fair last year.

Cover photo by Coleman Harris

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A New National Judging Contest

The first national FFA horticulture judging contest will be staged at national convention time this October.

Three-man teams representing each state will vie for honors in the event. Like other national level judging meets for FFA members, this one is sponsored by the National FFA Foundation.

The contest will consist of two options—nursery and floriculture. Each option will have three phases: identification of plant materials; judging; and a general knowledge examination.

Contestants will not be allowed to touch or handle any specimen, in any phase of the contest.

Contestants in the nursery option will identify fifty specimens by their common names such as Norway maple, heather, flowering quince, or bridalwreath spirea.

There will be six placing classes of nursery products for the actual judging phase of the contest—one ground covers class, two deciduous shade and flowering tree classes, one coniferous evergreens class, one evergreen shrubs class, and one deciduous shrubs class.

Both the nursery option contestants and floriculture option contestants will be given a 300 point general knowledge test as the third phase of the contest. Subject areas will include plant materials, planting or growing media, diagnosis of plant disorders, growth regulators and fertilizers, propagation, safety, and cultural instructions.

The identification phase of the floriculture option will call for common names of such specimens as aster, dahlia, gardenia, or statice.

The six judging classes will include cut flowers or carnations, roses, gladiolas and pompom chrysanthemums, and potted plants for azaleas and chrysanthemums.

Division superintendent for the contest is Mr. Richard Stinsen from Pennsylvania. Mr. Doug Gordon of the Society of American Florists is florist industry superintendent. Mr. Ray Brush representing the American Association of Nurserymen is nursery industry superintendent. Local superintendents for the contest are John Tonkin of Kansas and Andrew Klapas of Missouri.

The selection of team members shall be left to the state. However, to participate in the national contest, a state official must certify that each team member has participated in a similar contest on the state level.

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Livingston University, Livingston 35470
Samford University, Birmingham 35209
Tuskegee Institute, Tuskegee 36088
Troy State University, Troy 36081

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Arizona State University, Tempe 85281
Northern Arizona University, Flagstaff 86001

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University of Arkansas at Monticello, Monticello 71655

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California State University, San Jose 95114
California Institute of Technology, Pasadena 91109
California State University, San Diego 92115
California State University, San Francisco 94132
Loyola Marymount University, Los Angeles 90045
University of California, Los Angeles, Los Angeles 90024
University of Southern California, Los Angeles 90007
University of California, Berkeley 94720

COLORADO
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University of Northern Colorado, Greeley 80639
University of Colorado, Boulder 80302

CONNECTICUT
University of Connecticut, Storrs 06268

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Howard University, Washington 20001
The Catholic University of America, Washington 20017

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Florida Technological University, Orlando 32816
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University of Florida, Gainesville 32601
University of Miami, P.O. Box 8164, Coral Gables 33124

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Georgia Institute of Technology, Atlanta 30332
Valdosta State College, Valdosta 31601

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IDAHO
University of Idaho, Moscow 83843

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Illinois Institute of Technology, Chicago 60616
University of Illinois, Urbana 61801
Southern Illinois University, Carbondale 62901
Southern Illinois University at Edwardsville, Edwardsville 62025
Parks College, Cahokia 62206

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Indiana University, Bloomington 47401
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University of Notre Dame, Notre Dame 46556
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Iowa State University, Ames 50010
University of Iowa, Iowa City 52242
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Wichita State University, Wichita 67208
University of Kansas, Lawrence 66044
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University of Detroit, Detroit 48221
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College of St. Thomas, St. Paul 55101
University of Minnesota, Minneapolis 55455
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University of Mississippi, University 38677
Mississippi Valley State College, Itta Bena 38941
University of Southern Mississippi, Hattiesburg 39401

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Southeast Missouri State University, Cape Girardeau 63701
University of Missouri, Columbia 65201
University of Missouri at Rolla, Rolla 65401

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University of Montana, Missoula 59801

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University of Nebraska at Omaha, Omaha 68101

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Newark College of Engineering, Newark 07102
Stevens Institute of Technology, Hoboken 07030

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University of New Mexico, Albuquerque 87106

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Fordham University, Bronx 10458
Syracuse University, Syracuse 13210
Rensselaer Polytechnic Institute, Troy 12181
Manhattan College, Bronx 10471

NORTH CAROLINA
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Fayetteville State University, Fayetteville 28301
University of North Carolina, Chapel Hill 27514
North Carolina State University at Raleigh, Raleigh 27607
East Carolina University, Greenville 27834
North Carolina A&T State University, Greensboro 27411

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University of North Dakota, Grand Forks 58201

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Kent State University, Kent 44240
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The Ohio State University, Columbus 43210
Capital University, Columbus 43209
Ohio University, Athens 45701
Ohio Wesleyan University, Delaware 43015
Otterbein College, Westerville 43081
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The University of Oklahoma, Norman 73069
University of Tulsa, Tulsa 74104

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Pan American University, Edinburg 78539
Texas A & M University, College Station 77840
Baylor University, Waco 76703
Southern Methodist University, Dallas 75222
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The University of Texas, Austin 78712
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Southern Utah State College, Cedar City 84720
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Washington State University, College Station, Box 2220, Pullman 99163
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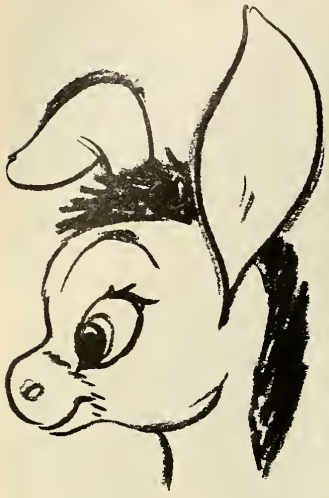

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Looking Ahead

Agriculture

RECORD AGRICULTURAL LENDING—Bankers expect that agricultural lending will reach an all time high in 1974, according to an Agricultural Credit Situation Survey released by the American Bankers Association (ABA). Nearly 84 percent of the bankers who responded to the ABA survey indicated that they expect the demand for farm operating and equipment loans during 1974 to be greater than the previous year.

PACKERS-CUSTOM FEEDERS—A new regulation prohibiting dual ownership of meat packers and custom feedlots has been adopted and was effective July 1 this year, according to USDA. The regulation, issued under the Packers and Stockyards Act, makes clear that meat packers may not own, operate, or control custom feedlot, and that custom feedlot owners may not own, operate, or control meat packing firms. Packers would not be prohibited from feeding their own livestock for their own slaughter needs, nor would a packer be prevented from hiring the services of a custom feedlot to fatten its own livestock for its own slaughter needs. The Packers and Stockyards Administration feels that dual ownership would have real potential for decreasing competition in the purchase of livestock.

CHEMICALS TO DRY HAY—If you've ever had trouble getting hay made between showers you have at least a passing interest in the new technique of using chemicals to preserve hay. The preservatives retard mold formation and slow down bacterial action which causes overheating, according to Leland Drew, associate professor of agricultural engineering at Ohio State University. Use of chemical preservatives allow safe baling and storage of hay after the forage moisture drops to 28 percent or below, instead of waiting until the hay dries to below 20 percent could mean baling a day earlier. The major chemicals used are propionic acid, acetic acid, and formic acid. Some commercial preservatives are combinations of chemicals, perhaps as many as 10 or 12. What costs are involved? One preservative Drew used cost $2.20 per ton of hay baled. Equipment can be purchased for about $400.

FARM SAFETY—President Nixon has proclaimed that July 25-31, 1974, shall be dedicated to the observance of National Farm Safety Week. But safety should be a year-round activity. Accidents claimed the lives of about 6,000 farm and ranch residents last year. Approximately half of these were victims of motor-vehicle mishaps. Another one-fourth were accounted for in accidental agricultural work deaths.

FARMLAND WILL MEET NEEDS—We are in no immediate danger of running out of farmland, even though thousands of acres of farmland are converted to other uses every year, according to a report issued June 10, 1974, by USDA. Reasons given are a declining rate of population growth, and an abundance of water resources and land with agricultural potential. About a fifth of all land in the 50 states is used for growing crops and well over a third is used for livestock grazing. In contrast, urban land makes up less than two percent of the total land area.

MEAT PURCHASE SET—USDA is to buy up to $100 million worth of beef and pork during the summer to provide lunches for 25 million school children. The plan is to buy beef and pork now, while farm livestock prices are low, in order to provide student lunches during the coming school year. Buying now will help the cattlemen and hog producers, who are suffering from low prices, and help prevent future dislocations in the market that would adversely affect consumer prices.

MILK PRODUCTION DOWN TWO PERCENT—United States milk production during the first five months of this year was 2.6 percent less than the corresponding period of 1973.

CATTLE ON FEED DOWN—Cattle and calves on feed June 1, 1974, for slaughter market totaled 7,885,000 head in the seven states preparing monthly estimates, down 16 percent from a year earlier, according to the Crop Reporting Board.

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hunting hints

Here's something everyone who is just starting to use a pump-action shotgun should remember: Never hold the trigger down while working the action between shots. This could result in the second shell being fired unintentionally the instant the bolt is closed. Even though most newer pumps are equipped with a safety sear that prevents this, stay on the safe side and always release the trigger between shots.

H. G. TAPPLY, Editor — Field & Stream

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News in Brief

The FFA

FFA MEMBERSHIP UP—The national FFA membership is 465,180 for 1974, a substantial increase over the 447,577 reported in 1973. Top five states are: Texas—53,017; Alabama—27,234; North Carolina—20,780; California—19,871; and Ohio—19,152.

FmHA YOUTH PROJECT LOANS—Over 3,000 youth already have received Youth Project Loans from the Farmers Home Administration. The loan authority was granted to FmHA as a part of the Rural Development Act of 1972. The legislation specified assistance to youth—members of FFA chapters, 4-H clubs, and other similar groups—not able to get credit elsewhere and who live in open country or in a town of less than 10,000 people. Application forms for Youth Project Loans are available from the FmHA county supervisors.

WORK ABROAD—The 32 FFA members who are participating in the Work Experience Abroad program met in Alexandria, Virginia, for a three-day orientation in early June before leaving for their assigned countries. Length of their stay will vary from three months to a year. They were to be placed on farms in 13 countries throughout the world.

FFA ADVISOR IN COLOMBIA—National FFA Advisor H. N. Hunsicker and Manager of FFA International Programs Lennie Gamage recently returned from Colombia, South America, where they were participants in the National Convention of the Future Farmers of Colombia held in Medellin. Besides delivering a keynote address, Hunsicker and Gamage attended the second meeting of the Comité Interamericano de Educacion Agricola, an organization formed in 1972 to help support and improve agricultural youth programs in North, Central, and South America. In addition to FFA, youth organizations from Brazil, Colombia, Panama, Peru, and Puerto Rico were represented at the CIEA meeting.

WINEINGER RESIGNS—Earl Wineinger, associate manager of contests and awards, returned to his native Kansas after two years on the national FFA staff. He will be engaged in farming. His new home will be in Florence, Kansas.

FFA LEADERSHIP CONFERENCES—Before the summer is over more than 500 FFA members and advisors will have been in Washington attending the week-long National FFA Leadership Conferences.

FISH AND WILDLIFE—Fish and Wildlife Management is the latest proficiency award program to become sponsored as a special project of the National FFA Foundation. The American Fishing Tackle Manufacturers Association will sign the memorandum of understanding covering the sponsorship of this award sometime in July.

STATE PRESIDENTS' CONFERENCE—The 50 state presidents, other state officers, and international guests participate in the 7th annual State Presidents' Conference July 21-27. A major sponsor of the conference is the General Motors Corporation, as a special project of the National FFA Foundation. The week will include many leadership activities related to events in the nation's capital.

HOME AND FARMSTEAD IMPROVEMENT—The National FFA Foundation, Inc., has announced the signing of a memorandum of understanding for sponsorship of the FFA Home and Farmstead Improvement Proficiency Award. The sponsor is Upjohn, Asgrow, and TUCO Organizations, agricultural division of the Upjohn Company. The Home and Farmstead Improvement Award is one of 18 FFA proficiency award programs recognizing achievement in vocational agriculture.

FFA BOARDS MEET—The mid-year meeting of the National FFA Board of Directors and National Officers is scheduled for July 29-31, 1974, at the Ramada Inn, in Alexandria, Virginia. The annual meeting of the Board of Trustees of Future Farmers of America Foundation, Inc. will also be in Alexandria on August 1, 1974.

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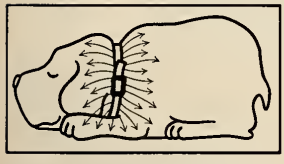
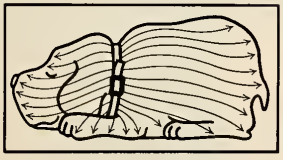




Actually kills fleas for 120 days, not just 90.

Sergeant's new Sentry IV is a whole new breed because it's the only flea collar with Sengard, an exclusive new time-release flea-killer. This unique time-release action means Sengard is dispensed from the collar so carefully that instead of running out on your pet after only 90 days, the new Sentry IV Collar goes right on killing fleas for another 30 days.

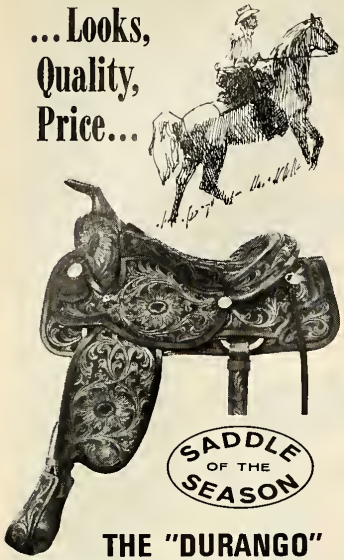
Kills fleas for 120 days, not just 90.

So get the new Sergeant's Sentry IV Collar for your dog or cat. It's the only one with Sengard. It's the first 4-month flea collar.

It's a whole new breed.

A Winning Combination

...Looks, Quality, Price...



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From the Mailbag

Readers Report

Northampton, Massachusetts

Would you please add under the "Calendar of Events" the following information about our chapter officer's leadership conference in September.

Richard Kuklewicz
State Reporter

The items included in the "Calendar of Events" section are activities conducted by the national organization and state conventions.—Ed.

Staples, Minnesota

I was very glad to see the cover of the Future Farmer magazine for June-July which featured Mr. Al Lauer, forestry instructor at Staples, and several of his students. Mr. Lauer and his students also appeared on the 1974 FFA Calendar.

Mr. Lauer is now a member of the faculty of the Woodland Vocational Center, which includes the towns of Staples, Clarissa Eagle Bend, and Browerville. We would like very much to be able to use excerpts from the cover article and the picture of the cover itself in local publicity for the four Center schools.

Don Baustian
Director
Woodland Vocational Center

Catoctin, Maryland

The students and staff of Catoctin High School send a warm and hearty thanks to your staff for participating in our Leadership Conference for school student leaders. The success we see in the future will be partly due to the time you spent with our students.

David W. Simpson
FFA Advisor

Savage, Minnesota

As a former FFA member, I still follow the FFA organization with a great deal of interest, and in my present job as a soybean production manager, I come into contact with FFA members.

To help me keep up to date on the FFA world, I'd like to subscribe to the magazine. Please inform me if I'm eligible to subscribe and also the subscription rate, ordering procedure, and any other pertinent information.

Neil Burmeister
Peterson Seed Company

Any non-member of FFA may subscribe for $1.00 per year.—Ed.

Louisville, Kentucky

I, along with other members of our chapter, feel the same way about a certain matter. We are girls. We love FFA and we're doing our part to help this great organization.

We receive our magazine and we believe you and your staff do a beautiful job. We have but one complaint. Everything referring to Future Farmers is "he," meaning males. For instance, an article in the June-July issue "What Is An FFA Member?" written by Paul Taylor, the last couple of lines make us feel we don't belong. "An FFA member is more than a boy. He's a man in the making."

This letter will probably end up in the can, but I feel better just writing it.

Vickey Mischler
President
Pleasure Ridge Park

We have attempted to make certain changes in the magazine that help solve the problem. For example, we no longer speak of "boys studying vocational agriculture" but instead refer to "students of vocational agriculture." We are using the term "FFA member" more frequently, which of course, could be of either sex. An increasing number of girls are showing up in the pictures being published in the magazine and some have appeared on the cover.—Ed.

Granbury, Texas

I have recently started taking agriculture in high school and am a member of FFA. I have been receiving my magazine subscription and like it very much. It has extremely interesting articles on agriculture and FFA members in it.

But when I got my April-May issue I noticed it was extremely small and as I was reading through it I found that pages 11-48 were missing—38 pages in all. Since I do enjoy it, as I'm sure other people do, I thought it should be brought to your attention. I hope that mine was the only one of its kind. Also, I have enclosed the address label off the magazine if you do need it.

Julie Carter

Evidently Julie's was the only copy missing pages because we did not hear from any of the other 465,000 readers.—Ed.

Garden Grove, California

I am taking a course in career planning and would like as much information as you can give me about cattlemen.

Any information you can send will be much appreciated.

Karen Hauser

Pascagoula, Mississippi

Please send me any booklets or papers you have on farming or agriculture.

Gary Jones

Marietta, Ohio

Please send me a pamphlet with more information about farming. I have read some about it, and I would like to know more.

Jo Gibbs

We receive a number of general requests about farming or agriculture. Unfortunately, we do not have materials or brochures to send in answer.—Ed.

Earning a high school diploma is good.

But is it good enough?

Every year thousands of young men and women get diplomas—and jobs they don't like.

In the Navy, a diploma gets you a chance at dozens of jobs. Good ones.

Jobs that are challenging. Rewarding. Exciting. If you qualify, we'll train you in highly skilled fields. Like electronics. Mechanics. Supply. Sea-going engineering, and more.

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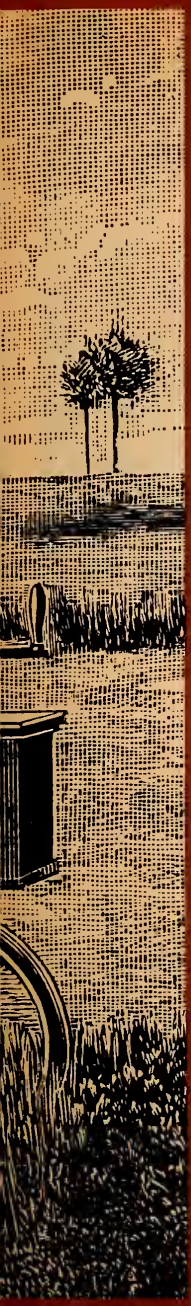
Internation



What have we done for you lately?

After 5 million tractors and more than 70 years of putting power in the hands of the farmer, we're still asking ourselves that question.

It was back in 1900 that we introduced one of the first sources of farm power that didn't run on hay—the then quite incredible "Auto Mower." This funny looking, but functional contraption even won a prize at the World's Fair in Paris.

We've come a long way since the "Auto Mower" gave us our head-start. And we're not about to give up our pioneering approach. That's why, since 1954 we've received more farm equipment patents than any other manufacturer in the world: More than 1,400. Including such recent major breakthroughs as the revolutionary Cyclo® Planter with only three moving parts. And the exclusive, infinite speed Hydrostatic tractor. Plus thousands of new and helpful features, innovations and refinements.

In fact, in 1972 alone, International Harvester received 70 new patents. (The nearest competitor, only 47.) That means that in 1974 and '75 your IH dealer will be showing the newest and most advanced farm equipment you can buy.

So watch for our new products and see why International Harvester says "We build better machines for the business of farming."

INTERNATIONAL HARVESTER

l Harvester

We build better machines for the business of farming

Photos by Author

Before planting corn, Greg checks depth and spacing to make sure it is right.

Farming Because He Likes It

A challenge not found in other professions is the way this former national FFA president describes farming and ranching.

By Dan Reuwee

FOLLOW Greg Bamford around for a day and, if you can keep up with him, you'll see what makes this young Colorado rancher a successful businessman and community leader. Greg was the National Livestock Farmer in 1966 and was national FFA president in 1967-68. Today he is a key element in the family's farming and ranching operations which consist of several hundred acres of dryland wheat, about 400 acres of sprinkler irrigated corn, a cattle feedlot handling 12-1,500 head plus several hundred cattle on dryland range.

At 27, Greg sees the ranching operation as a constant challenge. "It's like a big chess game," says Greg, "When I get up in the morning I have to plan my strategy to get all the work done as efficiently as possible, at the right time, and, of course, at a profit."

It's a lot of hard work, Greg admits. "Usually I'm up and in the field by six in the morning. In the five to six month growing season we seldom quit before nine in the evening. "But," says Greg enthusiastically, "I wouldn't have it any other way. I always wanted to be a farmer. Some people think a person is a farmer because he can't do anything else, but that just isn't true today. I had other opportunities, but I wanted to farm. To me, operating a farm and ranch is a challenge that you won't get in any other profession."

Greg spends most of his day coordinating farm and ranch operations. He has three men working full time with two to three additional men who work part time through the summer. Asked if he had a management philosophy, Greg replied that his system of management is "communications based." "I believe in keeping in close contact with everything that is on the farm," explains Greg. The two-way radio and the telephone are key elements in this communications system along with a battered red pickup truck that serves as Greg's "office on the move." "Our operations are scattered over a wide area and I often drive anywhere from 150 to 200 miles a day," explains Greg. "I don't always know where I'll be next so the radio is an essential part of our farm management system." With radios in all the farm vehicles and a base station in Haxtun, as well as at home, Greg is able to keep in constant communication with his office and his help. The system is designed so that commercial telephones can be "patched" into the radio and Greg can take business calls from his truck, too.

Under the management of Greg and his father, Galen, the farming and ranching operations have grown rapidly in recent years. "That's why we are looking forward to my brother graduating from Colorado State University and coming home," says Greg. His brother, Kent, also an active FFA member, was vice president of the Colorado FFA Association in 1969 and received the American Farmer degree in 1971. Kent is taking management responsibility for the livestock and feedlot while Greg handles the farming operations. "With Kent here we'll be able to do some of the cleaning up and getting organized that has been neglected because of the rapid expansion and our lack of help," says Greg. He also hopes that with Kent involved, he and his wife, Trudy, will have some time to get away from the ranch occasionally.

A city girl from Denver, Trudy admits that she had a lot to learn about ranching when she and Greg graduated

from Colorado State University and moved to the old ranch house in the wide-open prairie lands of eastern Colorado. "I wouldn't go back to the city now though," says Trudy emphatically. She finds plenty to keep busy including redecorating the house, gardening, learning about the ranching business, and giving music lessons in their home.

It doesn't take long to observe that Greg Bamford runs his farm and ranch like a business with decisions based on past experience and a well kept set of records. During the winter months when the farming and ranching operations slow down somewhat, Greg spends most of his time at the office he maintains in Haxtun about eight miles from home. There he makes plans for the coming year, purchasing inputs for crops and livestock and planning for expansion of the farm and ranch operation. "I try to anticipate our needs, by having all the machinery maintenance done and by getting all the decisions made so that when good weather comes we have everything ready to go," says Greg.

Greg sees a bright future for determined young farmers even though there may be some difficulties and challenges along the way. "I like the challenge and responsibility and the feeling of accomplishment you get in this business," he says. "I've always wanted to be a farmer and after four years of full time farming and ranching I'm more determined than ever that this is the life for me," Greg concludes.

Greg, left, spends most of his time directing farm and ranch operations.

A visit of conference groups to the National FFA Center is a highlight of the week.

Leadership Opportunities

OVER 500 FFA'ers from across the nation have taken advantage of an opportunity to improve their leadership ability.

They represented their chapters at one of five week-long Washington Leadership Conferences. The conference program is conducted by the National Organization to develop leader confidence and skills. It will mean better chapters and consequently greater experiences for all members.

In addition to the members, many chapter advisors have actively participated this year.

Conferees are headquartered in Alexandria, Virginia, and travel from there to visit and learn about American heritage. Experiences include visits with their congressmen, a complete tour of the Capitol and Arlington Cemetery, a trip to Mount Vernon, attendance at a patriotic pageant at the Jefferson Memorial, and other activities.

But the prime emphasis and the greatest amount of time during the week is spent on helping the conference participants grow.

To develop personal leadership qualities, a major conference session kicks off the first full day. This workshop session includes exercises in group leadership skills, personal communication skills, plus social and human relations. The session is continued throughout the week of the conference.

In order to help the officer make an impact on the chapter when returning home, special work sessions are held on chapter planning. Participants also learn a great deal of detail about the organization—its programs and how it operates.

The conference concludes with a banquet at which members learn by example as well as involvement on how to conduct an effective chapter banquet. Each participant paid $110 for the full week of activities which includes meals and housing. They also must pay for transportation.

Swapping ideas and learning how other chapters do it is an important benefit.

Participants at the conferences get a chance to work closely with national officers. Here members and the advisor chat with Vice President Keith Mohler.

Counselors for the summer conferences were, from left, Dennis Sargent, Ohio, national secretary in 1971-72; Sammy Peebles, Alabama, national vice president 1971-72; and Bruce Erath, New York, national vice president last year.

A Way to Stop a Thief

It is easy to do and doesn't cost a lot of money

By Lee Elam

Tony Cardoza, Jr. uses the electric pencil to engrave the drivers license number of his father on an adding machine.

THE CARDOZA ranch at Manteca, California, had a problem. Burglars had hit the farm shop twice, the pick-up tool box once, and the home once.

That is when Tony Cardoza, Jr. decided to keep things around the ranch and in the home marked with an electric pencil engraver. Since using the pencil there have been no burglaries or thefts. Everything is well marked and anything new brought to the ranch is marked right away.

This ability to see things of importance that need to be done and doing them is one of the attributes that makes Tony a leader among his friends and in the Manteca FFA Chapter which he serves as president.

The system is easy to use—you simply use the electric pencil engraver to engrave a drivers license number or your name on property that has enough value for someone to steal and sell.

"Every ranch and every piece of equipment, large or small, is fair play for the burglar or thief," points out the San Joaquin County, California, sheriff's office. "It doesn't matter whether it is in the home, the ranch office, the farm shop, the dairy milking barn, or big pieces of farm machinery."

There are two advantages to using the electric pencil engraver. First, stickers can be obtained and placed on doors and windows stating things are marked and can be readily identified by the police and the owner. The professional and many non-professionals who see such a sign will not touch the property for they know that being caught with identifiable items means a jail term. They can't get a "fence" to touch such marked items either, for the same reason.

Second, when a law agency picks up marked objects that have been stolen, they call anyone reporting the loss.

Law enforcement agencies know this works through actual use. There is a farming area north of Sacramento where there was an average of three major burglaries at farm homes per month with the "take" running from $7,000 to $12,000 a burglary. The sheriff's office sold everyone on using the pencil and putting up signs. In 21 months, there have been no burglaries.

Tony, Jr. says that law enforcement agencies point out farm offices are places burglars like to get into. There they find typewriters, adding machines, check protectors, and other equipment they can sell. The farm shop is a burglars paradise with all its power tools. wrenches, and other tools.

The Cardoza family bought their own electric pencil. Prices range from $4.95 in cut-rate stores to the better grades at about $15.00. To engrave on hard steel like some wrenches are made of and on heavy farm equipment made of hard steel, a better grade pencil is needed. Law enforcement agencies often have pencils to loan, or have arranged for loans through such places as libraries.

When engraving, use a number which never changes, like your drivers license number or your name. Also put the engraving on a part of the unit that is not easily removed. Law enforcement agencies advise to put the number where it can be seen easily, and to put on the engraving even though the equipment has a serial number. Most serial numbers are on plates and can be chiseled off in seconds.

The same system can be used on large equipment that is used on small items.

Some farmers scoff at the idea of large farm equipment being stolen. Near where Tony lives, there was a reported theft of a windrower from a field. The owner went to the field to use it and it was gone. After thinking it over, he decided the thief would want to get rid of it fast. He knew where there was a machinery sale the next day and anyone could bring machinery to be auctioned off. He visited the auction and found his swather and the thief, who was arrested because the farmer could positively identify the equipment through a number he had engraved on it. There was a similar case with a large tracklayer tractor.

This is a program that every FFA member can use on his farm to bring security against burlgars and thieves.

The Remington lightweights. There's nothing lightweight about the way they perform.

Model 1100 20 ga. lightweight, $239.95*

Model 870 "Wingmaster" 20 ga. lightweight, $179.95*

If you think our 20 gauge Model 1100 and Model 870 "Wingmaster" lightweight shotguns are light on strength, you're in for some surprises.

If you've ever spent a long day's hunt walking up and down rugged hills or working endless cornfields, you know how heavy a gun can get. You know how hard it is to swing smooth when a gun feels like a crowbar and your arms feel like lead.

So do we. That's why we came up with 20 gauge lightweight versions of our 870 "Wingmaster" pump action shotgun and our 1100 automatic.

Don't let the weight fool you. This 870—with a 26" plain barrel—weighs in at only 5¾ pounds. And the 1100 (with the same barrel) weighs just 6½ pounds. They're easy-handling for easy all-day hunting. But we weren't about to sacrifice reliability and performance just to save weight... so our lightweights still have *strong, solid-steel receivers.*

The 870's double action bars give you smooth, fast pumping, without twisting or binding... *the 1100's automatic action* is quick, sure and positive. Both of these lightweights have been specially balanced to give you easy pointing and smooth swinging. Model 870 lightweights come equipped with recoil pads.

And both guns will handle a wide variety of loads. Both of the standard Remington lightweights will shoot all 20 gauge 2¾" standard velocity, "Express" and 2¾" magnum shells without any adjustments. Lightweight magnum versions have 3" chambers which allow the use of 20 gauge ammunition, 2¾" and 3" magnums, interchangeably. In the 870 magnum version, you can use 3" magnums, *plus* all other high and low base 20 gauge 2¾" shotgun shells.

You get greater flexibility and, if you need it, much greater power with the use of the 3" magnum shotgun shell. In fact, the 3" magnum packs the punch of a standard 12 gauge field load.

Make that ammunition Remington. We've designed Remington shotgun shells to work with your gun—to give you a complete shooting system. You can rely on them for top performance every shot.

Light on weight, but heavy on looks. The 1100 and the 870 "Wingmaster" lightweights wouldn't be Remingtons if we didn't give them the looks to go with their performance. White line spacers at the butt plates and pistol grips accent the long-lasting luster of wood and metal.

Our Du Pont RK-W wood finish is tough, hard and scratch-resistant. It'll hold up through years of rough outdoor use.

For your long day in the field, for a certain lady or for a youngster's first gun, the Models 1100 and 870 are the perfect lightweights. Take a look at them today.

To find out more about all of the fine products from Remington, send us a postcard. And we'll send you a free copy of our 1974 catalog. Remington Arms Company, Inc., Dept. 688, Bridgeport, Connecticut 06602.

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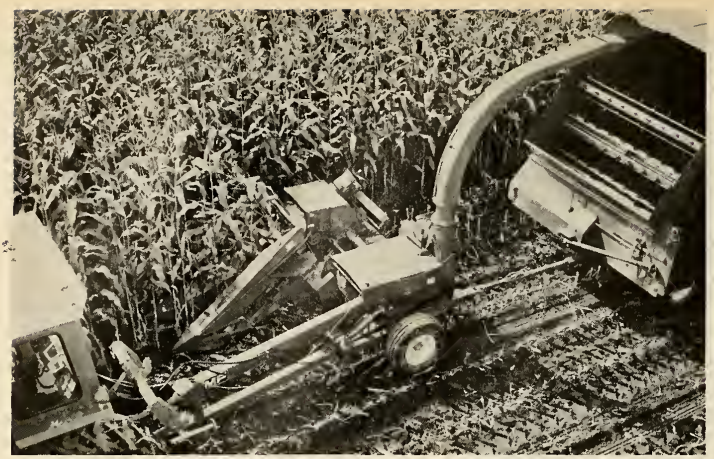

Good maintenance can reduce the amount of fuel needed to chop a load of forage.

Forage Harvester

What You Can Do To Reduce Costs

By Melvin E. Long

DID YOU ever consider how many separate pieces there are in a wagon load of chopped forage? Each of these pieces represents a power-consuming—and fuel consuming—cutting stroke by the forage harvester. Correct adjustments, and maintenance are absolutely essential if the total power requirements, fuel consumption, and operating costs are to be kept as low as possible.

The most important parts are the cutting head knives and the shear bar. On most cylinder-type machines, the rotating knives can be sharpened rather easily. However, the stationary knife, and its relationship to the rotating knives must also be right if the machine is to do the best job possible.

To help understand why this is true, let's review the operating principles of the cutting mechanism. The spiral rotating blades are arranged somewhat similar to that of a reel-type lawn mower. To cut the forage, they sweep past a stationary bar.

However, unlike the lawn mower knives, which rub against the stationary blade, the forage harvester knives cannot be arranged to rub against the shear bar. But for good cutting action, the clearance between the knives and the shear bar should be as small as possible.

However, this clearance is increased whenever the knives are sharpened, unless, of course, the shear bar is moved toward the cutting edges of the knives at the same time.

In practice, there is no simple, direct rule for determining how often the rotating knives should be sharpened. If the cutting edge is "rounded off" enough that you can see it, it's already too dull. So the time for sharpening is before this occurs, but it's not easy to decide just exactly when it's needed.

Perhaps the most reliable indicator is the load that the forage harvester imposes on the tractor. Assuming reasonably constant crop conditions, load on the tractor gradually increases as the knives become dull. At some point —for example, when you have to shift to a lower gear to handle the greater load—it's time to sharpen the rotating knives again.

To avoid the undesirable increase in clearance that results from knife sharpening, the shear bar should be moved toward the knives at least every other time that the knives are sharpened. The ease with which the shear bar can be adjusted varies considerably among different makes of forage harvesters.

Check your owner's manual to determine the recommended clearance between the shear bar and the knives. In most cases, it will suggest a range of acceptable settings. However, specialists at Massey-Ferguson point out that for best performance, these instructions must be properly interpreted. The shear bar should be adjusted carefully to the minimum specified clearance so that as the knives wear, the clearance is still within the recommended operating range. If you set the clearance initially to some mid-range value, wear quickly increases the clearance to the upper limit.

Typically, the shear bar tends to wear faster in the center than at the ends because more of the crop passes through at the center. When the clearance between the shear bar and the rotating knives exceeds the recommended upper limit when the bar is set to produce the minimum recommended clearance at the ends, then the bar should be replaced. In many machines, the bar is designed so that it can be removed, reversed, and reinstalled to provide a second wearing surface.

If you compare the relative cost of replacing knives and replacing the shear bar, you'll find that it pays to extend knife life even though you may give up some shear-bar life. For example, a set of knives ranges anywhere from $100 to $150, depending upon the number of knives used and the prices

(Continued on Page 47)

Cylinder knives are reground with an electric motor driven grinding wheel.

The recutter screens can be changed to obtain desired size of screen opening.

Wrangler® thinks Americans spend too much for clothes.

And Wrangler's doing something about it for every member of the family. You just can't get clothes anywhere else that look as good, fit as good, are made as well and fully guaranteed at prices so low. This leather-looking, leather-feeling, desert colored jeans suit's got everything leather's got except the price. Lined jacket, $30. Shirt, $9. Jeans, $18.

Wrangler Sportswear. Wremember the "W" is Silent.

250 Fifth Ave., New York 10001 | ©1974 Blue Bell, Inc. Prices slightly higher in the west.

The Lee Rider: Bobby Berger.

"I guess bronc ridin's my favorite. Some of these old broncs been around for years. And you admire 'em. They just never quit.

"You learn their patterns. So while I'm limberin' up and gettin' ready, I'm thinkin' about that one horse and programming myself to ride according to his pattern."

"Darann and I like horses. Our friends think we got us a ranch in Oklahoma. I tell 'em we got this 80 by 120 foot spread in Norman, and the only livestock we own is a poodle dog."

LEE RIDER JEANS, JACKETS & SHIRTS
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Using Ingenuity To Grow Hogs

Ambition and "brain power" have paid off for this enterprising hog farmer.

By Ron Miller

Accurate records help Roger stay abreast of his financial situation.

Roger shows Advisor Moore the boar he purchased from a Missouri hogman.
Photos by Author

ROGER Meadows, of Dyersburg, Tennessee, started raising hogs with little more than his ingenuity. Yet by using his vocational agriculture experience Roger built everything from a loading chute to a farrowing house to develop an efficient swine operation.

Roger began his enterprise by fencing off the unused land of the 270-acre home farm for his hogs. He built a show box, a loading chute, and a truck bed for the pickup to take his animals to the fairs.

"I like producing hogs," says Roger, "but I especially enjoy exhibiting them at fairs. I usually take between 15 and 20 to each fair I go to." Among his winnings are a grand champion of all breeds at the West Tennessee State Fair and the grand champion pen-of-five for all breeds at the West Tennessee Market Hog Show.

"The champion ribbons are an honor but the regular classes are where you make the money," contends Roger. "Not only do you win premium money but high placings also help me sell breeding stock." He further feels that going to fairs and participating in FFA judging has taught him how to manage money and meet schedules.

"Throughout his FFA career Roger has constantly set goals for himself," says FFA Advisor Benny Moore of the Jere Cooper Chapter. "Long ago he set his sights on becoming Star Farmer of Tennessee which he accomplished last year."

As Roger's program grew he built five concrete hog troughs and purchased several self-feeders. But the biggest innovation in his operation came when he built a new farrowing house.

The unit holds six sows and their litters at one time. He cemented the floor on a slope to a gutter outside the unit for easy cleaning of the pens. The gutter empties into a six-inch discharge pipe which flows to a drainage area.

Roger's hand-made farrowing crates feature a hinged panel which allows him to wash the inside pens or the outside aprons without disturbing the sows and litters. "The farrowing unit has made it easy for me to wash and disinfect the sows when they are taken off pasture," Roger points out.

To counteract the heat Roger put in fold-up side doors and designed a misting device for cooling the hogs. Each crate has baby pig self-feeders as well as electric heat lamps for the winter farrowings.

The efficient hog producer uses accepted health practices on newly born pigs and worms them twice at intervals of four weeks between weaning and marketing. His sows and market hogs receive a 15 percent protein ration and his little pigs get an 18 percent protein feed. Roger feeds his sows by hand so he can check them daily, and like his market hogs, waters them with an automatic system.

Farrowing twice a year Roger presently produces about 150 Duroc hogs a year—marketing 125 as pork and selling about 15 gilts and 10 boars for breeding stock.

"Roger has faced some tough problems in getting started in the hog business," remarks Advisor Moore. "He started with another breed but had to sell out two years ago because he had a rhinitis carrier in the herd. Serving as chapter secretary helped him to overcome his shyness and come back from this setback."

Roger obtained his first Duroc sows from Kentucky and Tennessee breeders with the assistance of Advisor Moore who still helps him select fast growing replacements. He keeps his herd boar for one or two years depending on the quality of the offspring.

To complement his hog program Roger grows 16 acres of soybeans, 8 acres of cotton, and a half acre of peppers. He pays his father for the use of the land by operating field equipment in return. All totaled he assists his father in producing about 150 acres of cotton and 400 acres of soybeans on the home farm and 450 rented acres.

On January 1 of this year Roger purchased 50 percent ownership in the equipment used in the farming operation. This investment—along with his ingenuity—will allow him to expand his interest in farming even further in the future.

Nobody Knows Why It Happens!

Compiled from National Safety Council Materials by Jack Pitzer.

WHAT'S a mystery crash? It's a one car accident—and a mystery why it happens since the driver has almost complete control. But dead men don't fill out accident reports and survivors won't admit they made a mistake.

You can prevent a mystery crash by knowing the causes and avoiding them. The road—a sharp curve, bad chuck hole—can involve you in a crash if you're not prepared. Remember, as many fatal accidents occur on straight roads as on curves—so be alert all the time when driving.

The weather—rain, fog, snow and darkness—threaten drivers. Adjust accordingly when these conditions exist.

If the vehicle is in poor condition it could cause an accident. Check tires, brakes, steering, lights, horn, and wipers before each trip.

If you aren't at your physical and mental best, hazards are more acute.

Drinking, drowsiness, and illness slow your reflexes. Certain medicines impair driving performance.

At the first sign of fatigue—droopy eyelids, stiff neck muscles, decreased awareness—pull over at a safe spot and stretch your legs. Take deep breaths. Get some coffee. Then if you're still drowsy, take a nap. Everyone has a limit to his endurance.

Drugs of many kinds can be deadly —tranquilizers, antihistamines, pep pills, pain killers. Ask your doctor how your medicine will affect your driving. Drugs are especially a problem when combined with alcohol.

"If you drink, don't drive" is still recommended as the safest course. But that advice is largely ignored. In our society there is some acceptance of a tolerant view regarding social drinking. Drinking and laws regarding operation of vehicles are very clear. It is not social.

One of the traps a drinking person might all of a sudden find themselves in is that even a little alcohol makes you feel great and superbly able to handle a car. But there's all kinds of statistical proof that it's not true.

So give some thought to how you'll get home. Before you accept a ride with anyone who has been drinking, consider the risk involved. The chance of a serious injury or fatal accident is just as great for the passenger as for the driver of a car.

And if someone needs to sober up, don't be tricked into the traditional remedies of physical exercise, black coffee, or cold showers. The only thing they do is turn a sleepy drunk into a wide awake one. The only way to sobriety is the passage of time.

Carbon monoxide (colorless, odorless, tasteless gas) can be avoided by being sure the car is well ventilated. Altitude could be a problem in some areas. Emotional strain also could cause you difficulty. Avoid quarrels in the car at all times.

If you're sick and not up to par, have someone else drive or pull off the road.

Always drive with both hands on the wheel so you've got control in emergencies. If you check a map, fish toll coins from your pocket, shoo a bee, take off your jacket or do anything that takes your hands from the wheel, don't do it while moving. Pull over and stop.

Of course, watch out for cycles, livestock or deer, trains, backing into things, and pedestrians—especially the elderly and children.

Traffic accidents and their toll in needless death, personal injury and property damage, affect all of us.

You must personally exert mental and physical effort to be a defensive driver.

SENSE and NONSENSE about

Safety Belts:

SAFETY belts save lives. Just how many lives could be saved each year if every motorist used seat belts and harnesses all the time is open to speculation, but authorities estimate the number to be at least 5,000. However, in spite of the fact that the value of safety belts has been documented by massive evidence, many drivers and riders still refuse to wear them, or wear them only part of the time. The reasons given for not using safety belts all have one thing in common—fallacy. See if you recognize any of the nonsense reasons for not using safety belts.

NONSENSE

"Safety belts are all right on long trips, but they're a nuisance when I'm just driving around town."

SENSE

Half of all traffic deaths occur within 25 miles of home, and at speeds of 40 mph or less.

NONSENSE

"Some people are thrown clear in a crash and receive hardly a scratch."

SENSE

The chance of surviving is five times as good if you stay inside the car.

NONSENSE

"If my car catches on fire or goes under water, I don't want to be trapped by a safety belt."

SENSE

Fire occurs in only 0.2 percent and submersion in only 0.3 percent of all injury-producing accidents. Even then, your safety belt can increase your chances of escape by keeping you from being knocked unconscious.

NONSENSE

"Good drivers don't need them. I've never had an accident."

SENSE

Four out of five drivers in accidents never had one before. Besides reducing injuries and saving lives in accidents, safety belts are comfortable, give you better control, and make you less tired. Once the safety belt habit is acquired, you will automatically reach for them *every* time you get in a car.

Here are seven tips for safety belt use:

1. For the best protection, use a belt bearing the seal of the American Seat Belt Council or Underwriters Laboratories.

2. Make sure the belt is snug. Every inch you are held back from dash or windshield may be the critical distance. Secure the belt over the hip bones, not the abdomen.

3. The annoyance of the loose belt end being caught in the door can be avoided in various ways. Form the habit of tucking it out of the way, buy an inexpensive device that reels it up, or attach a small magnet to the end of the seat and place the belt metal on it as you get out.

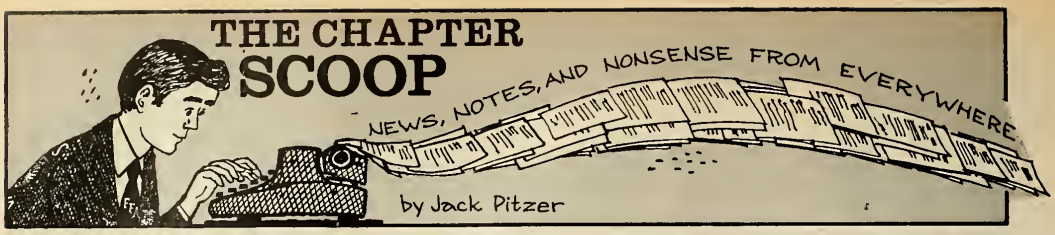
4. Rear safety belts are just as vital as those in front, not only to protect rear passengers but to keep from being catapulted into the front seat occupants. Center seat belts should be installed front and rear if those seats are used.

5. Never wear shoulder harness belt without also wearing the lap belt.

6. Know your belt. When riding in a car with belts you're not familiar with, adjust them and know where the quick release is located.

7. Never put two people in one belt, even small children. A harness is best for a small child but the regular lap belt can be used usually from age three. (*National Safety Council*)

Staff Photo



BOAC project for *Shady Spring,* West Virginia, FFA was obtaining materials and constructing a 40- x 40-foot firehouse for local fire department. Over $4,000 donated plus 1,000 hours.

N-N-N

Officer training session for *Corvallis,* Oregon, team was along Marys River.

N-N-N

"Thank You" pictures drawn by grade schoolers who had attended *Wenatchee,* Washington's, animal farm were used as placemats for chapter's banquet.

N-N-N

Olentangy, Ohio, FFA and FHA teamed up to celebrate a May Day with ball games, bubble blowing contest, and races. Designed to spark up end-of-school week.

N-N-N

Elkton, Virginia, Chapter presented trophies to the winners of the chapter big deer contest.

N-N-N

Lots of public speaking contests around. Winner of *Columbus,* Montana, event was **Steve Jacobson.** "Are You Failing America?"

N-N-N

Motley, Minnesota, had to celebrate FFA WEEK the next week in February because of a flu-forced school closing.

N-N-N

Maybe you should consider a career as a vo-ag teacher and chapter advisor.

N-N-N

Officers of *East Newton,* Missouri, go out for dinner together two or three times each year. Forms a real strong officer team.

N-N-N

For the third year *Highland* FFA's apple judging team took top prize at Washington's state contest.

N-N-N

Orosi, California, Chapter had "Best Informed Member" contest at meeting. Had written quiz on official manual. **Bradley Rosedale** won.

N-N-N

A ping-pong tourney following an important *Central,* Nebraska, Chapter meeting. **Greg Bouc** won a pair of radio headphones as first prize.

Connie Woodland was reelected *Sandpoint,* Idaho, Chapter sweetheart. Brother Tom is chapter secretary.

N-N-N

Three *Colton,* California, FFA'ers are members of Quill and Scroll, an organization for top high school journalists. Paid off in chapter publicity, too.

N-N-N

Mike Plaht, reporter of *Postville,* Iowa, sent a note about their chapter being the only one in state to have national president as banquet speaker.

N-N-N

Lake Hamilton FFA, of Pearcy, Arkansas, gave **Advisor Melvin Daniel** a Remington automatic shotgun in appreciation at chapter's banquet.

N-N-N

Arnaudville, Louisiana, Chapter is mighty proud of three recent State Farmer degree winners. And should be.

N-N-N

Woodlan, Indiana, has an idea for program of work committees. Put each committee's picture up with a nail below it for reminders, notes, messages.

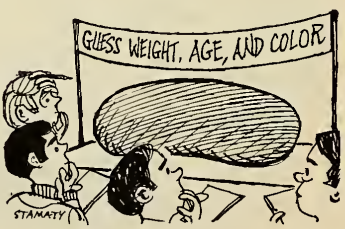
N-N-N

Three cousins were elected officers for *Red Lodge,* Montana, FFA. **Cindy, Beth,** and **Kathy Klessens** will be president, secretary, and reporter.

N-N-N

Advisor Troy Lilly sent word that Socorro Chapter, of *El Paso,* Texas, was elected outstanding school organization by student council.

N-N-N



Riverbank, California, had a jelly-bean guessing contest for FFA WEEK.

N-N-N

Perry, Georgia, FFA is providing 14,000 tomato plants to local 4-H kids.

N-N-N

Juneau County, Wisconsin, used a facsimile Court Summons to invite parents and chapter supporters to appear at a free picnic. Response was great.

N-N-N

Members of a wildlife conservation class in *Sherburn,* Minnesota, FFA helped local conservationists catch ten tons of fish in nearby lake.

The Alumni Affiliate at *Chinook,* Montana, sponsored a judging meet. Chapter's teams for state meet were selected from chapter contest.

N-N-N

During FFA WEEK, *Carl Junction,* Missouri, had an arm wrestling tourney. Open to all students. Classes of competition for boys and girls.

N-N-N

It was a salty affair at *Merrill,* Wisconsin, banquet. Somebody put salt in the apple pie instead of sugar.

N-N-N

Garth Hoover, chairman of supervised farming committee in *Bucyrus,* Ohio, reports starting a new gilt chain.

N-N-N

Grand champion steer of Nevada Junior Livestock Show was 1,200 pound Hereford shown by **John Snider** of *Mason Valley* FFA.

N-N-N

Vanoss, Oklahoma, Chapter combined first meeting of the summer with a pool party.

N-N-N

Halifax, Pennsylvania, has won the Dauphin County land judging contest eight years in a row.

N-N-N

Members of *Bowling Green,* Ohio, built a concrete pad for working on tractors outside the vo-ag classroom.

N-N-N

The *Amboy-Good Thunder,* Minnesota, Chapter has a membership in area Chamber of Commerce.

N-N-N

Fairview, Montana, is raising seven acres of beets.

N-N-N

Doug Flagg was named *Smith,* Massachusett's, Star Greenhand. Plus he earned the Dairy and Crop Proficiency awards provided by the National FFA Foundation at the chapter level.

N-N-N

Blackford County, Indiana, FFA is starting a 50-50 farming operation.

N-N-N

Don't wait to find out if a news item from your chapter gets sent into Scoop. Jot a note about unusual, fun, successful, or just crazy events in your chapter.

Photo by Rick Wilson

Green County, Kentucky, FFA advisor, Bob Olt, left, and members took in $6,200 by operating a concession stand at the basketball games. Profits are split with athletic department.

Photo by Rick Crawford

Jill Baughman, Marysville, Ohio, made a 5-foot floral FFA emblem for the state convention. She used 2,000 mums and 40 hours to do the job.

Photo Roundup

Many details need doing to have a good banquet. Julie Hazeltine, reporter, took time to interview the visiting state officer at the Orfordville, Wisconsin, banquet prior to introduction time.

Gayle Kenney, state president, presented Rhode Island Governor Noel a framed FFA Creed for his office during FFA WEEK, plus fresh eggs, a cord of wood, and a hand-woven rope rug.

Four Montevideo, Virginia, members raised the Flag for opening day of an agribusiness center housing statewide poultry, dairy, and beef groups.

Since the end of the draft a lot of young people are discovering a good place to invest their time. The Army.

They've come, over 250,000 strong, for things they may not have found anywhere else. Some came for the job training. Where else can you get your choice of over 300 good jobs? Some, for travel. Where else can you get to go almost anywhere in the world?

Some came for the personal challenge. Where else can you get as much responsibility right out of high school? Some, for education. Where else can you get 75% of your college paid for? And some came because they wanted to do something positive for their Country.

If you want to know more about joining the Army, send the postcard. Or call 800-523-4800 toll free. In Pa., call 800-462-4955.

Western Ways

A few days after the birth of a calf Doyle catches it and ties its legs (left). The young rancher then tags the animal (bottom) and begins a record on the calf. Advisor Mues often helps Doyle as he is doing here.
Photos by Author

THE West lives on, at least on the Petersen ranch outside Taylor, Nebraska. Of course, it's in the modern form, but the nostalgia of raising cattle on the open range is still there for all to see.

Doyle Petersen, a winner of the Nebraska Livestock Production Proficiency award, works in partnership with his father and helps manage a 175-head commercial cow herd and their offspring. Since Doyle's graduation from high school they have expanded the herd by saving 40 replacements while culling only 10 cows each year.

A regular purchasing plan has been the foundation for Doyle's equity in the operation. He purchased a foundation cow at a sale in 1966 and has bought five heifers annually while studying vocational agriculture. His current herd numbers 35 head, consisting of 10 purebred Herefords and 25 commercial cows and heifers.

"Doyle's plan for expanding his herd has worked quite well considering he entered vocational agriculture with only three head," remembers Advisor Noel Mues, of the Loup County Taylor FFA Chapter. "His participation on the FFA judging team where he won many high placings and the knowledge gained in vo-ag classes have been beneficial to him in selecting replacements."

The Petersens breed their cows to calve in February so the calves are big enough to endure the spring rains with few scour problems. The cows are fed hay from January through the calving season and are ranged during the summer. Doyle, a winner of Star Greenhand and chapter Livestock Proficiency awards, also provides his cows with a liquid feed supplement.

When a calf is born Doyle tags it

Raising Cattle in The "New" West

It's settings like this that keep the spirit of the West alive!

By Ron Miller

and records the birth weight, the sex of the calf, and other birth characteristics. He also uses a paste to dehorn the calf at this time and updates the cow's record to include information about calving problems, mothering ability, disease notes, and calving dates.

In May, before the cattle are turned onto summer pasture, the Petersens brand the calves with the "H-Bar" and vaccinate them for black leg and shipping fever. They also set out creep feeders containing a ration of one-half oats and one-half pelleted starter.

Weaning weights are taken in October and the size plus the quality of the calves are noted in their records. Doyle and his father then remove the calf tags and put cow tags in those held over as herd replacements. After separating the heifers from the steers, the feeder calves are sold in the nearby town of Burwell.

Proof of the success of the Petersen's identification and selection program is shown in their high percentage calf crop. Their average has always been over 95 percent and last year they lost only six calves from 175 cows.

To help maintain the cattle herd, Doyle, who served four times as an officer in his chapter, uses three registered Quarterhorses and one Shetland-Quarterhorse cross. His favorite horse, Patty Star Jack, won a second purple ribbon in the halter class at the Nebraska State Fair in Lincoln.

Doyle and his father rent 1,000 acres of pasture in addition to operating the 1,100-acre home ranch. They raise 130 acres of crops—60 acres of minimum tillage corn and 70 acres of alfalfa—and pasture their cattle on the remaining acreage.

Last year the Petersens put up a self-propelled, boom sprinkler system for irrigating 110 acres of the cropland. According to Doyle the production of the corn on the previously managed dryland increased from 50 bushels per acre to about 130 bushels per acre when irrigated.

On the side, the Petersens farrow 24 sows in groups of 12 four times a year. They use a 7,000-bushel, drying bin for storing the feed, and house the hogs in three steel shelters on five-acre lot. They annually market over 450 hogs.

Doyle and his father plan on expanding their purebred Hereford herd to produce herd bulls so they can increase their commercial cow herd to 200 head. "The registered cattle are bred to A.I. bulls to increase the quality of offspring which are eventually used as herd bulls on the commercial herd," Doyle points out. The young rancher, a member of both the Nebraska and American Junior Hereford Associations, still consults with Advisor Mues about herd replacements and show stock.

Yes, progress has come to the West. But cattle ranchers like Doyle and his father keep the spirit of the western frontier alive in America.

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The Houston Livestock Show

The show with a heart.

IT'S BILLED as the world's largest stock show and rodeo and anyone who's ever been to the Houston Livestock Show will tell you the title fits. Everything is big at the Houston Livestock Show, starting with the 18-acre Exposition Building adjacent to the world famous Houston Astrodome. This year there were nearly 20,000 livestock entries competing for over $380,000 in premiums, $67,000 of which are Junior Show Premiums.

The livestock show runs for 11 days with the last four days devoted entirely to youth. Among the youthful participants are hundreds of FFA members who show livestock and benefit from the sale of their champion animals at premium prices thanks to Houston businessmen.

This year the entire show was dedicated to one of those businessmen for his support of the livestock show and for the interest he has shown in the youth who participate. Edgar W. Brown, Jr., has been a major supporter of the livestock show since it was founded in 1932. In 1947 Mr. Brown paid Jim Bob Steen of Goldthwaite $15,000 for his Houston Livestock Show Grand Champion Hereford, up to that time a world record. Friends estimate that over the years Brown has contributed a minimum of $500,000.

General Manager E. C. "Dick" Weekley explains, "Mr. Brown's bounty is not given exclusively to the owners of grand champions. He goes down the line to buy from boys and girls whose entries did not finish near the top."

A rancher and businessman himself, Brown has a deep interest in agriculture and youth. "When I purchase an animal, I urge the owners to invest the money in their education. I also ask them to keep in touch with me by writing once or twice during the year," says Brown.

The Houston Livestock Show has been called "The Show with a Heart" because of the generosity of its contributions to youth and agriculture in Texas. While the main purpose of the show has always been to encourage farmers, 4-H, and FFA boys and girls to produce better livestock through better feeding and breeding practices, the show has also enabled thousands of boys and girls to establish their own herds, put themselves through college, and even go into business for themselves. Currently, 102 students are attending college on scholarships provided by the Houston Livestock Show and Rodeo.

Local businessmen again this year pumped thousands of dollars into a calf scramble that involved about 400 youth in a scramble for 200 dairy and beef calves. For the lucky ones who manage to grab a calf, halter it, and drag it across the finish line, there is a $225 certificate. The certificate, donated by a sponsor, enables successful contestants to purchase a beef or dairy heifer that they agree to feed, fit, groom, and return to the livestock show the following year to enter special show ring competition. The winner also agrees to send regular progress reports to the livestock show and correspond with sponsor who donated the certificate.

In all, nearly 700,000 persons attended this year's Houston Livestock Show and Rodeo. In addition to many commercial exhibits, those who attended were attracted to the FFA Children's Barnyard sponsored by the Texas FFA Association. The barnyard has been a featured exhibit at the rodeo for several years and is especially appealing to Houston school children. *(By Dan Reuwee)*

Two sets of twins, all officers of the Larimer County, Colorado, FFA Chapter.

Under Gemini

OFFICERS come in "two's" at the Larimer FFA Chapter in Colorado. Mourine and Maxine Weaver, and Larry and Gary Wyatt, are two sets of twins and all are officers in the Larimer FFA Chapter, a Gold Emblem chapter with 160 members.

The girls were born in Laramie, Wyoming, on May 22, 1956, and the boys were born in Des Moines, Iowa, on the same day and all within eight minutes of each other.

Mourine and Maxine are the daughters of Dr. and Mrs. A. F. Weaver, and the family lives on a ranch 15 miles north of Fort Collins near Buckeye. They went to Poudre High School and the Larimer County Voc-Tech Center where they studied vocational agriculture. Maxine is president of the chapter and Mourine is secretary.

The sisters each have herds of Angus cattle and for the past five years they have ridden on the cattle drive moving the herd from Owl Canyon to summer pasture near Tie Siding, Wyoming.

Larry and Gary are the sons of Mr. and Mrs. Windol Wyatt, and they live on a small acreage where they raise a flock of Nontadale sheep. They went to Fort Collins High School and also attended Larimer County Voc-Tech Center for their vocational agriculture. Their father is a former FFA member and was FFA advisor and vocational agriculture instructor at Altoona, Iowa, before moving to Colorado. He now is a teacher Educator in Agricultural Education at Colorado State University.

Larry is the second vice president of the FFA chapter and Gary is the sentinel. They work in agribusiness—Larry at a veterinary supply house and Gary works at a local landscaping company. (*By Dana Moen, Reporter*)

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Western Ways

Jimmie Tsosie, Navajo Medicine Man

This state FFA officer will combine the old and the new as he strives to help his people.

YA-TA-HEY! This is the greeting you would receive upon meeting Jimmie Tsosie, Arizona's fourth state FFA vice president. Jim, 18, is the son of Navajo Medicine Man John Billy Tsosie, and his wife, Gladys, of Kayenta, Arizona. He is a student at the Monument Valley High School.

The Tsosie family lives 40 miles from the nearest town in a self constructed hogan on the Black Mesa located within the boundaries of the Navajo Indian Reservation, the homeland of their ancestors.

Typical of today's Navajo youth, Jim is attempting to preserve ancient social and religious customs while striving to overcome geographical and social isolation. Tradition calls for him to follow in his father's footsteps and become a medicine man. Seemingly in conflict, his education and FFA experiences have given him the desire to complete a college education. Jim's goals are to combine the two by securing degrees in law and public administration, and then returning home to the reservation.

Following college Jim will spend approximately two years working with his father to learn the numerous rituals and ceremonies which will prepare him to serve his people in the ancient occupation of a medicine man. He is hopeful that his formal education will qualify him to be employed by the Navajo Tribal Government in a job where he can help his people.

Regarding Jim's potential in reaching these goals, Harold White, Monument Valley vocational agriculture teacher stated, "These are very difficult goals to achieve but Jimmie is a determined young man with the ability and desire to make it. I believe he will fulfill his plans."

Although school is an hour's drive over undeveloped roads and the state FFA office is over 350 miles distant, Jim has actively participated in all levels of the FFA program. In the chapter, he served as treasurer and vice president, and is involved in all activities conducted by the chapter. Currently, he holds the position of northern district president in addition to his state office.

Jimmie's home is a self constructed hogan located on the Black Mesa in Arizona.

Jim's other activities include four years on the student council, president of the school's student body, all school sports, community action committees, and involvement in the local tribal government. Additionally, he will represent his district in the state public speaking contest this year.

Another example of how Jim combines the old with the new is his supervised occupational experience program. His enterprises of corn, sheep, beef, and horses are traditional with his people. He has improved his livestock by using practices learned in vocational agriculture such as breeding, culling, pasture management, and disease prevention.

To write of a Navajo Indian and not mention corn would be like describing the Earth without reference to the sun and the moon. This energy-giving grain has been the most important food crop of Indian people since recorded time. It also seems appropriate that corn is one of the symbols selected for the FFA emblem and ceremonies. Jim grows ten acres of the traditional varigated (multi-colored kernels) corn. However, his practices are contemporary. Commercial fertilizer has replaced fish and other organic matter, the school tractor has replaced the forked stick, and the vo-ag department's sprinkler irrigation equipment drawing water from Laguna Creek has been substituted for clay pots and rain dances. The increased production provides adequate amounts for seed, livestock feed, family consumption, and ceremonial usage as well as for a portion to be sold to the local trading post.

When asked to identify the major influences in his life, Jimmie answered, ". . . my people's heritage, my father's leadership, my vo-ag teacher's motivation, and the individual development experiences provided by the FFA."

Western Ways

Showring Leadership

Starting at an early age, she used hard work, her knowledge of cattle, and determination, to reach the top in showmanship.

By Ken Bowie

DEBBIE Fox, who hails from Cambridge, Kansas, is a prime example of one young cattleman whom many have, and are continuing to make way for, at the top.

Debbie has been showing cattle practically all her life. At the age of seven she was awarded Reserve Grand Champion Steer at the local county fair. Little did she know at the time this would be the beginning of an outstanding career in the showring.

With a little help and encouragement from her parents, Mr. and Mrs. George Fox, and in later years her FFA advisor, Debbie has found that most any show, from county to national, is within her reach. Debbie has been very active in the American Angus Association.

Secretary of the Kansas Angus Association, Phil Ljungdahl, has aided Debbie in her work. Speaking highly of Debbie he stated, "She has been very active in junior activities and her family is one of the most prominent Angus families in Kansas. She has competed in almost all of the regional and state Angus activities. Whatever she does, she does well." She has shown this by being the youngest person and only the second girl to ever win the National Junior Angus Showmanship Contest, and also win the showmanship at the National Western Livestock Show.

Her recent accomplishments at the Kansas State Fair in the FFA division include Grand Champion Steer, Grand Champion Heifer, Champion Beef Showman, and Reserve Grand Overall Showman.

In the showring or out, Debbie's love for working with animals keeps her actively involved in many activities. This year alone she is serving as president of the District Junior Angus Association, vice president of her FFA chapter, and a junior member of the Hereford, Charolais, Angus, and Kansas Livestock Associations.

Debbie says she enjoys working with cattle and with the people around the shows. These are reasons enough to work hard. Her success has also brought her into contact with many top cattlemen and animal scientists.

Debbie has been depositing her money earned by showing cattle and also money from her Registered Angus herd to help enable her to attend Kansas State University, in Manhattan, when she graduates from high school in 1975.

This picture was taken after Debbie had won the National Junior Angus Showmanship contest, adding still another honor to her long list of contest winnings.

"You do what the boss tells you to do—and try to keep a straight face."

"Is there life after

Answers to this and other often-heard questions, myths and assorted jive about the Marine Corps.

FICTION: "When you join the Marines, you're signing up for a couple of years of boot camp. If that's life in the Marine Corps, you can have it!"

FACT: Boot camp lasts 11 weeks. It's challenging, it's tough. It earns you the title "Marine". The minute you've got that, it's a whole new life. And a pretty darned good one...unless you think the world owes you a living.

FICTION: "In the Marines, you can't get good job training like in the other services."

FACT: A Marine recruiter has a 40 page book, filled with every job you can think of. Plus short films that show you what our technical training is like. There's everything from Electronics to Aircraft Maintenance. Computers to Communications. And a qualified man can *choose* the direction his training will take him, before he enlists as a Marine.

FICTION: "The Marine Corps does about the same thing as the Army."

FACT: Marines play a unique role in our nation's defense. Traditionally the "soldiers of the sea", we are a highly mobile air-ground team, ready to project amphibious forces ashore and inland. In addition to this basic mission, Marines provide security aboard ship, at Naval installations and at all United States Embassies.

boot camp?"

FICTION: "Join the Marines, and kiss your education goodbye."

FACT: There are a number of programs by which a Marine may further his academic, non-military education. These range from off-duty correspondence courses to full-time college degree programs, with the Corps paying at least 75% of tuition.

FICTION: "Join the Marines, and kiss your individuality goodbye."

FACT: From generals to corporals, some of the most colorful and inspiring individualists in military history have been United States Marines. This capacity is part of our tradition, and part of our strength. Don't look for individual expression at boot camp. But after you've been a Marine for a while, ask yourself if you're still you.

FICTION: *"If the Army and the Navy ever gaze on Heaven's scenes, they will find the streets are guarded by United States Marines."*

FACT: While the above lines from *The Marines' Hymn* have not been verified in fact, they were officially authorized by the Commandant of the Marine Corps in 1929, and have never been successfully challenged by members of any other service in the presence of one or more Marines.

FOR MORE FACTS: Call 800-423-2600, toll free. (In California, call 800-252-0241.)

THE MARINES
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Western Ways

Influences on Today's Fashion Trends

Many things affect the fashions worn by men, but none more than the Western look.

THE roots of several trends in men's wear of today stem from five principal areas of influence: *Youth, the West Coast, Western, Ethnic, and Nostalgia.* "Looking at these five areas, which can be viewed as exclusive, complementing, or overlapping," explains Mr. Chip Tolbert, fashion director of the Men's Fashion Association, "we see a certain logic to the evolution of fashion. It is not as erratic as one might believe . . . madness in the method, perhaps, but a method nevertheless."

Among today's *youth,* for example, fashion is as fashion does. Depending on the mood and occasion, dressing up can mean anything from a blazer and coordinating slacks to a lurex T-shirt worn with studded jeans.

Between these contrasts is an eloquent array of fashion that indicates where young people are at. There is plenty of glitter, studs, hand-painted designs, and applique (cutout decorations), all an outspoken commentary on the mood of today.

In T-shirts and tank tops, lurex reigns supreme as number one "out" look, especially when paired with corduroy jeans appliqued in gold and silver, or studded with rhinestones, nailheads, or combination trims. Faded denim shirts and jeans are loaded with colorful embroidery or tattooed with hand screened designs reminiscent of Art Nouveau.

The most popular jacket is the baseball or bicycle jacket in fabrics, patterns, and colors to please the most discriminating fashion newcomer. In suits, young men like the easy elegance of the sash-belted wrapped suit in unconstructed coarse linen or the gingham check classically-styled two-button suits with wide peaked lapels, all in bold, bright colors.

Since the late 1940's the *West Coast* has developed a special fashion look all its own both in suits and sportswear. The tailored clothing has distinctive styling—jackets with a definite shoulder and less shaped than East Coast styles.

There is also more detailing—contrasting stitching, piping, and novelty pocket styling. It is, generally, a more casual approach. The coordinates are mainly solid jackets in warm pastel shades paired with brightly patterned slacks.

The cowboy-originated *western* look has permeated almost every category of fashion, from tailored suits to jeans, and "Home on the Range" can mean anything from a bunkhouse on a ranch to an apartment in the city. It's an influence that shows up in denim-look leather and suedes, denim-look corduroy, and even denim-look polyester knits.

In addition, there are easy suits, cowboy jackets, shirt and pants duos, plus printed and embroidered shirts. There is also a lot of super-faded and/or recycled denim plus crude patchwork and patchwork prints.

The *ethnic* influence is readily seen in the "Super Fly Look"—a look that insists on the wearer's identity, a proclamation that he is just not about to be lost in the crowd. It's a bold, brash, self-assured fashion that includes jump suits in shantung, wrap-style jacket suits, patterned and plain polyester knit coordinates usually worn with printed lurex or satin shirts, and ice cream colored "stepping out" clothes of satins, polyesters, and gabardines.

Today's prevalence of *nostalgia* in fashion can almost be considered an escape—to a presence of our making—in which the romance and elegance of an era gone by is being picked up bodily and carried forward to now.

Many of the looks are linear descendants of styles that were worn as early as 1910 and as late as the 1930's, prototypes of the classic solid and striped blazers as we see today were first seen on British campuses prior to 1920. The clothes that F. Scott's Great Gatsby wore are seen today as themes and variations on white—creamy suits worn with ice cream color shirts, matching ties, panama hats, and two-tone shoes.

All five influences have contributed to Men's Fashions for 1974.

The western influence is still riding high with clothes like this corduroy jacket and jeans, multi-colored shirts, and cowhide suede belts.

For That Western Look

Levi's Chaparral check Saddleman boot jeans available in rust-blue or rust-green, waist sizes range from 28-42, for $11. Levi Strauss & Co., Two Embaracadero Center, San Francisco, California 94106.

Clothes

Casual styling makes The Ridgetop from Pioneer Wear at home for everyday or dress. Made of wild game grain leather. Pioneer Wear, Inc., 1718 Yale Blvd., S.E., Albuquerque, New Mexico 87105.

Bailey's corduroy Rancher Coat is cut western-style with pointed front and back yokes, peaked pile collar. Tan or bronze. Sizes 36 to 46. Bailey Hat, 2558 San Fernando Road, Los Angeles, Calif. 90065.

City western describes the Pecos Piper jean and jacket by Lee. The 50-50 polyester-cotton material is made to fade a bit with each washing. The H. D. Lee Co. Box 440, Shawnee Mission, Kansas 66201.

New suede look from Wrangler. Made of 100 percent cotton with a polyurethane face, machine washable. Jeans about $16, jacket $25 to $30. Blue Bell Inc., 350 Fifth Ave., N.Y., N.Y. 10001.

Hats

Socorro styled, Jute is latest from Resistol. Comes in tall crowns, 3" to 3½" brim widths, and sizes 6½ to 7⅝. Available for 1975 season. Byer-Rolnick, 601 Marion Drive, Garland, Texas 75040.

The new Bulldogger by Moore is VEL-TEX, pictured in the High 40 Crown style with a 3" brim. Comes in a variety of colors, sizes, and brim widths. Moore Hat Company, Box 1518, Lawton, Oklahoma 73501.

Boots

Style # 1235 is newest boot from Nocona. Has patented thin-line cushion shank. Nocona Boot Company, Box 599, Nocona, Texas 76255.

Justin's sturdy elephant boot, style 9042, is their latest offering. Has four rows stitching. Justin Boot, Box 548, Fort Worth, Texas 76101.

Tony Lama offers this peanut brittle shark foot boot with a tree bark kitty-tan top. Tony Lama, 1137 Tony Lama Street, El Paso, Texas 79915.

Saddles

Filigree silver trim highlights this show and pleasure saddle, The Congress Champion. Simco Leather Company, 1800 Daisy Street, Chattanooga, Tennessee 37406.

A rugged roping saddle with show quality appearance describes The Steer Roper. Western Saddlery, Department FF, Box 1964, Chattanooga, Tennessee 37407.

The Durango, says maker, is rugged as steer roping, yet has good looks in the showring. From the Tex Tan Western Leather Company, Box 711, Yoakum, Texas 77995.

Contests of skill and speed highlighted the week-long festivities sponsored by FFA.

Western Ways

Western Fun

SHARON Stinett, a senior, said, "I just couldn't believe it. I was so surprised when crowned FFA queen at Redwood, California's, FFA barn dance.

This event was the conclusion of a Western Week of festivities. The week began with barrel bucking, pie baking, and a horseshoe throw.

The object of barrel bucking is to see how long the participant can stay on the barrel. Four boys pull on ropes attached to springs that are hooked to the barrel. Winners of this event were Greg Vernon, first; Marvin Miller, second; and Randy Bennett, third. Susie Selster took first place in the pie baking contest, Pam Pollock took second, and Melva White took third. Tom Higgins and Jimmy McCracken tied for first in the horseshoe throw and a teacher, Tony Angeles, took third. Twenty feet was the distance between the participant and the stake for the horseshoe throw event.

Tuesday's activities started out with the continuing of barrel bucking. Other activities were log sawing and hay loading. Joe and John Russell took first place in the log sawing, while Danny Lewis and Bryan Reitz took second. Lon Hannah and Willie Robinson took third place. The object of this activity is for the two partners to saw off a chunk of wood as quickly as they can. The results of the hay loading contest were a first place once again to Joe and John Russell, with Tony Andrade and Gary Castro, second, and John Hamar and Chuck Brown, third. The object of this event was to load and unload six bales of hay in the least amount of time.

Wheelbarrow relays concluded Tuesday's activities. A team of two boys had a course to follow, with one in a wheelbarrow and the other pushing. The course continued around the campus and community. There were several checkpoints along the way where the contestants had to stop to pick up slips of paper proving that they had been there. Halfway through the course the two partners changed positions. Winners were Marvin Miller and Nick Wilcox. Willie Robinson and Lon Hannah were second. Barrel bucking and log sawing continued through the week.

Wednesday's new activities were the sponge throw and skillet throw. Attendance supervisor, Sam Farsakian, and student body president, Chris Hash, were the targets in the sponge throw. Dean of boys, Dick Bunting, was a target on Thursday. There was an entry fee of 25 cents for three soaked sponges for students to throw at the victims.

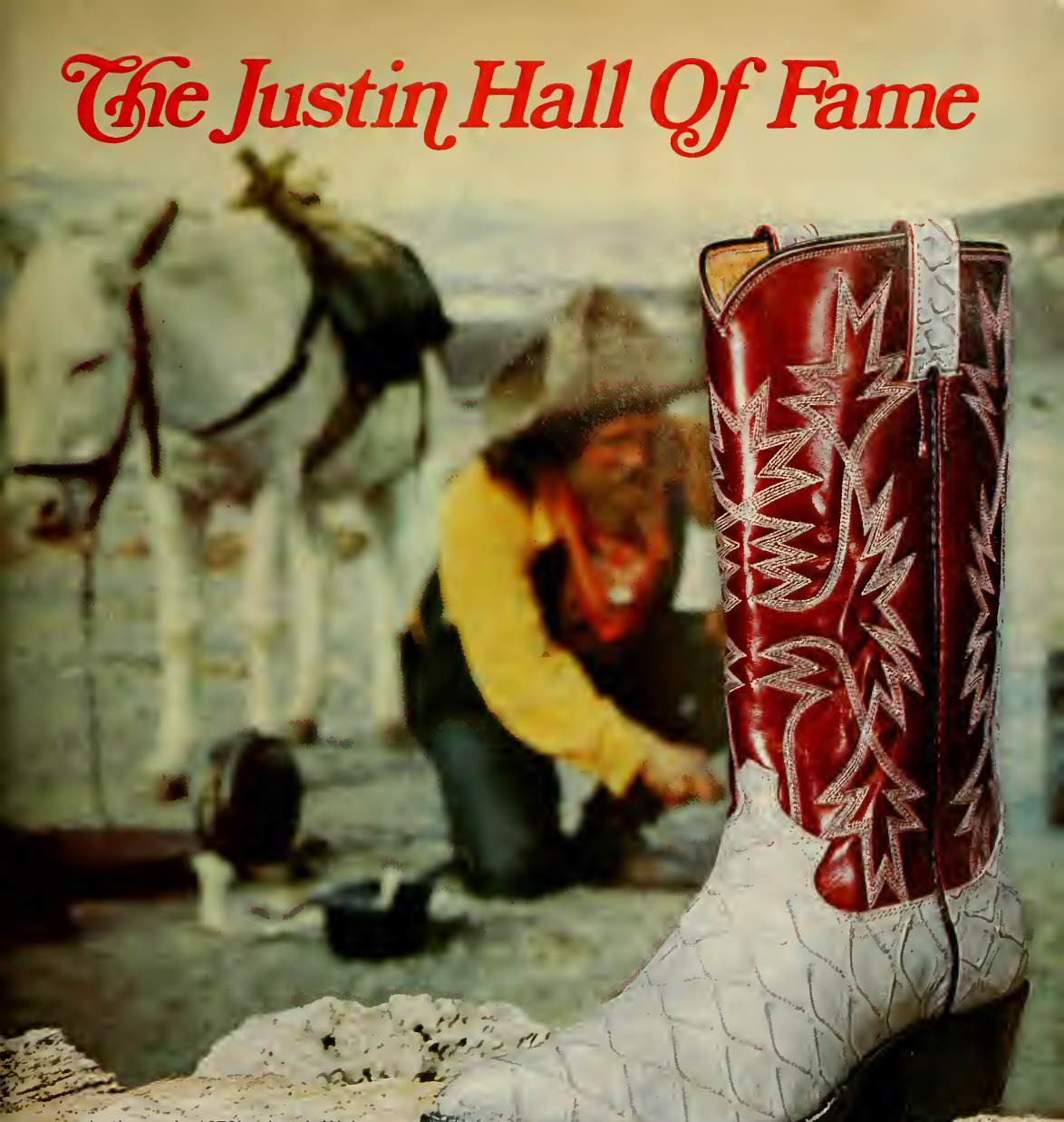
The object of the skillet throw was to test your strength. The participant was given a heavy skillet to throw as far as he could. The winner was Darrell Chavez with Willie Robinson and Tom Higgins tieing for second.

Thursday had an extended lunch hour with an assembly period and the activities were pie eating and a tug-o-war. In the pie eating contest there were teams consisting of two boys each. The first boy was to run down and eat one pie and then run back to the starting line. Then his partner ran to eat his pie. Winners were Danny Lewis and Jim Feldstein, first; David Carnes and Greg Edmonds, second; and Darrell Chavez, and Tony Perez, third. *(By Jim McCracken, Reporter)*

There was also competition for best dressed cowboy during Western Week.

Two-man teams loaded hay against a clock for prizes, but a popular game for all students was throwing wet sponges at "favorite" students and faculty members.

The Justin Hall Of Fame



In the early 1870's, Jacob Waltz, a German immigrant, is said to have made fabulously rich gold hauls from what later became known as the legendary Lost Dutchman Mine. The secret of the mine's location in Arizona's Superstition Mountains was carried by the wily Dutchman to his grave.

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THE FIRST all "Life Member Affiliate" has been chartered by the FFA Alumni Association at Collinsville, Oklahoma, with 40 members. The charter was presented at a banquet on May 31, after several weeks of recruiting and organizing.

Every member of the Collinsville FFA Alumni Affiliate holds a life membership in the National FFA Alumni Association, the first such local alumni group organized in the nation. The local FFA Alumni is following in the footsteps set by the Collinsville FFA Chapter which was the first FFA chapter chartered in Oklahoma and thus holds Charter Number 1 in the Oklahoma FFA Association.

"We are proud of the FFA," said Bill Thomas, Collinsville FFA Alumni chairman, "and we are pleased to have an opportunity to be bonded together in a common belief to show the FFA members in our community we are behind them, united, and ready to assist when needed."

The organization will assist when requested; the Collinsville Fair Board, and all agri-related activities on the local, county, and state level. They will work alongside the Collinsville FFA Chapter and one activity will be that of sending four local FFA members to the state leadership school each summer.

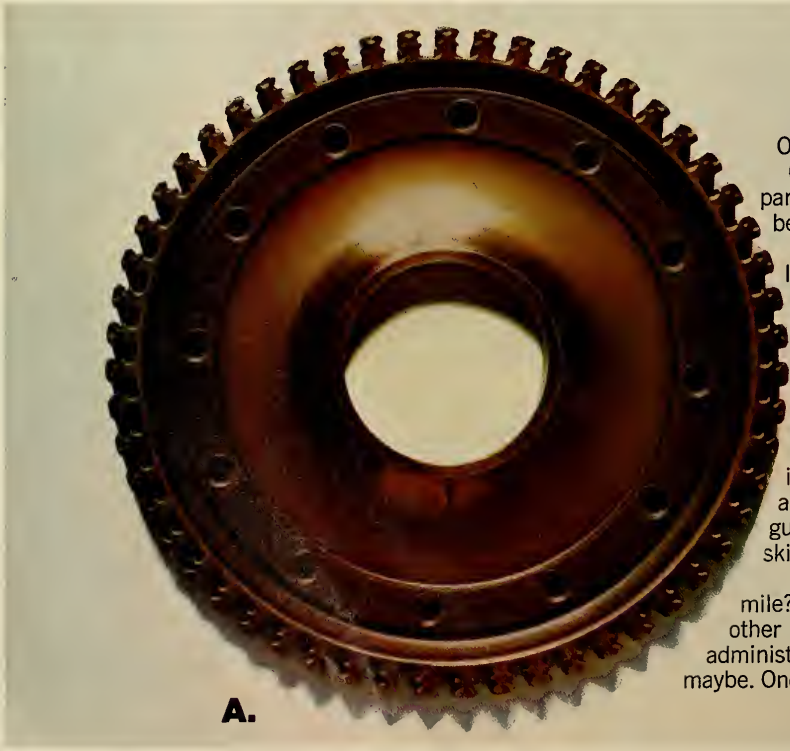
Twenty-seven of the 40-member Lifetime FFA Alumni Chapter of Collinsville. The Collinsville FFA Chapter holds Oklahoma charter Number One, issued in 1928.

Collinsville Becomes Number 1

On hand to welcome the new affiliate into the Alumni Association were Ralph Dreessen, state FFA advisor, along with several other state officials, and Jay Benham, administrative secretary of the National FFA Alumni.

In addition to Thomas, other officers elected were: George Sallee, vice chairman; Raymond Heinrichs, secretary; W. S. (Pat) Flanagan, treasurer; and Glen Just, coordinator. Charles Fuller, FFA chapter president, and Loren Alcorn, immediate past FFA president, are also on the council. Marvin Lindsey, local FFA advisor, will serve as an ex-officio non-voting member.

One member of the Life Member Affiliates is Mrs. O. H. Holman who became the first woman life member of the FFA Alumni Association in 1973.



O.K., think.

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Did you miss the answer by a mile? Maybe your talents lie in another direction. In accounting. In administration. In data processing, maybe. One thing for sure—you can de-

Forage Harvester

(Continued from Page 20)

charged by the individual manufacturer. On the other hand, a replacement shear bar typically costs about $20. Obviously, it's poor economy to attempt to overcome the effects of a worn shear bar by too-frequent sharpening of the rotating knives.

On some types of forage harvesters, the rotor knives also act as paddles to blow the forage into the wagon. On these machines, it's important that there not be too much clearance between the rotor knives and the housing. Thus, as the knives become shorter with successive sharpenings, they should be moved outward to keep the right clearance between the knives and the housing. At the same time, the shear bar must be moved back to provide the proper clearance between the knives and the shear bar.

Other types of machines include a separate blower to propel the cut forage into the trailing wagon. These latter machines include provision for use of a recutter screen.

The screen helps produce a more even length of cut in legume or grass forages and more complete kernel break-up in grain, but it does increase power—and fuel—required, and decreases capacity of the machine. Thus, you'll want to weigh carefully the relative advantages and disadvantages of the use of a recutter screen, and not just use it automatically because it's available.

Experts emphasize the need for extreme care when working around the knives. After shutting off the power supply, always allow the cylinder to "run down" to a stop before starting any adjustments. Knives that are relatively dull for cutting forage are still sharp enough to remove fingers or hands.

You probably well realize the importance of proper lubrication and do a good job of keeping your machine greased. But Massey-Ferguson machinery specialists point out that a number of other often overlooked items can affect performance and service life.

For example, when using your forage harvester with the corn head installed, keep an eye on the condition of the gathering chains. If you allow them to become so worn that they are on the verge of breaking you risk the possibility of expensive damage to the cutter head assembly.

Check your owner's manual for details on chain maintenance for your particular machine. In all cases, however, it is far better to spend a few extra dollars for "premature" repair or replacement of gathering parts than it is to risk the much higher repair costs that will result if a chain breaks and is carried into the cutter head assembly.

The pto hook-up on the machine must be correctly adjusted if it is to withstand the high power requirements imposed by the forage harvester. For example, any adjustable mountings or supports for the shaft on the forage harvester should be set or adjusted for the recommended height. It's also important that the tractor drawbar height be set at the recommended level to ensure good life of the universal joints in the power take off drive line.

Correct operating procedure for using the pto drive can have a major effect on service life. Engaging the clutch easily and allowing the machine to come up to speed before placing a load on it is good practice.

Don't overlook lubricating the telescoping portion of the pto drive line on the machine. Although this telescoping portion may appear to work freely during hook up, once the shaft is rotating under load, the telescoping action requires much more force on the ends of the shaft. Relative motion between the tractor and forage harvester can cause damage-producing forces unless the telescoping portions of the shaft are free to operate.

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FFA in Action

COMMUNITY AGRICULTURE

On-Farm Experience

At the turn of the century Trumbull, Connecticut, was for the most part a farming community. However, since the 1950's the effects of nearby urbanization has taken over. Last year in Trumbull only five farms remained active, two of which were owned by FFA members.

It is then easy to understand why the local chapter jumped at a chance to acquire a recently shut down farm adjacent to the school. Several chapter members successfully petitioned the town council to purchase the farm and have it awarded to the chapter.

Upon receiving the farm the chapter was divided into five major committees: renovation, land-use, building-use, engineering, and clean-up.

In a few weeks of working on the farm it has been cleaned up, re-roofed, painted, and the fields plowed. Plans for a nursery, meeting room, farm pond, and land-use were drawn up and accepted.

The chapter has learned dozens of valuable skills from the renovation. The curriculum is now very solidly based on their farm experience and needs.

The chapter is presently finishing work on a Ford 4100 tractor that will prove useful in doing our future farming work. (Mike Lapinski, Reporter)

SAFETY

Cycle Safety

Twelve members of the Westerville, Ohio, FFA Chapter conducted a bicycle safety program entitled "Be Alert" under the direction of safety committee chairman, Dave Ceneskie.

The members presented a total of ten demonstrations to over 750 third grade students in the nine elementary schools in the school district. Members responsible for demonstrations were: Dave Ceneskie, Ann Huling, Libby Bennett, Sandy Martin, Jack Beard, Bill Mitchell, Susan Fisher, Becky Lytle, Julia Cronin, Barbara Cooper, Gary Bernhard, and Debbie Yoakum.

The program was divided into three sections: parts of the bicycle; safety accessories; and basic safety laws. The members emphasized that the bicycle tires be properly inflated, the seat and handle bars be adjusted to the correct height, brakes be in good working condition, and the chain be well lubricated and snug fitting to insure maximum safety before beginning to ride.

The students were told bicycles should have some safety accessories. Lights and reflectors are a must for night riding. Horns or bells are needed as warning devices to pedestrians and other vehicles. Baskets are necessary so the rider can always use both hands to steer when carrying anything.

The members explained twelve basic safety laws to the third graders. These include: obey all traffic laws; keep to the right . . . follow traffic; have proper

Becky Lytle and Susie Fisher explain safety rules to third grade cycler, Pamela Brown, for FFA's safety drive.

Mayfield Issues Call

The National FFA Convention

Mark Mayfield

NATIONAL FFA President Mark Mayfield has issued a call for "all FFA chapters in good standing to send representatives to the National FFA Convention in Kansas City, Missouri, October 15-18.

"This year's Convention promises to be the most successful yet," says Mayfield. "As the largest youth convention, we will be attracting national leaders to our stage along with award winners, degree recipients, Foundation sponsors and other VIP'S."

An official business session is scheduled for Tuesday afternoon, October 15. The national officers will conduct a Vespers Program on Tuesday evening, before officially opening the Convention on Wednesday morning. Each session will be filled with the sharing of thoughts, official FFA business, ceremonies, recognition of achievements, and showing of sincere appreciation to those who support agricultural education/FFA.

Mayfield said, "I encourage members from each chapter to participate in all sessions, visit the Agricultural Career Show, and the FFA Day at the American Royal.

"The fine image of our organization has been portrayed in the past at every Convention. I have faith that if the rules of proper dress and the Code of Ethics are observed by all members while in Kansas City, our image shall continue in its finest tradition.

"Help make the 47th National FFA Convention, the most educational, inspirational, and successful year . . ."

Before You Go

A registration fee of $4.00 will be charged each active or collegiate FFA member, advisor, state staff, and national staff.

Registration will be by chapters, not by individual FFA members. Each chapter is permitted to send six members or 10 percent of its membership to the Convention.

Prior to coming to the Convention, each chapter must get an official registration card from their state office. The properly completed card must be signed by the members attending, their advisor, and principal or superintendent.

All requests for housing are to be channeled through the Kansas City Convention and Visitors Bureau. Your FFA advisor should contact your state advisor for the proper form to use in requesting housing.

The booklet *You and Your Convention*, which your advisor should get through the state FFA office this summer, has more information to help make your trip to the National FFA Convention a success.

lights front and rear; have a proper signalling device; yield the right-of-way to pedestrians; watch out for cars; never hitch rides; always ride alone; check your brakes; watch the intersections; use hand signals and never weave or swerve.

The accessories used in the demonstrations were loaned to the chapter by The Bicycle Shop and bicycle safety pamphlets were donated by Roush Hardware. The Westerville Kiwanis and the Ohio Department of Highway Safety also provided assistance with the project.

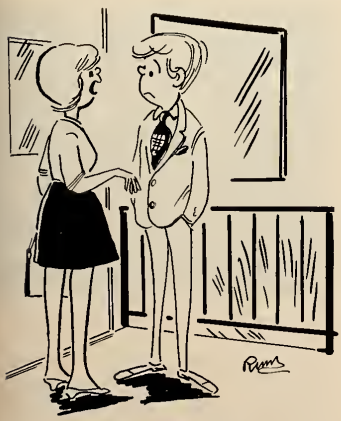
CITIZENSHIP

Seeing A Government

Picture a sea of blue and gold jackets filling a large room with New York State's highest official standing on a desk in its midst; or rush hour drivers awed by the sight of six student-packed buses being led by a police cruiser; or a leading legislator taking time to answer a question raised by a young voice in the back of a banquet hall, and you have an idea of what it was like when New York Farm Bureau sponsored its first Governmental Seminar for Agricultural Youth.

The seminar was designed to offer students of vocational agriculture a firsthand look at the ways government works and the men that work in its ways. In doing so, seminar delegates had the opportunity to visit the Executive Chamber, Senate, Assembly, Court of Appeals, and the Department of Agriculture and Markets.

More than 250 high school students and teachers of vocational agriculture from 42 counties across the state took part in the two-day program, which was planned in cooperation with the Bureau of Agricultural Education of the State Education Department.



"You've certainly proved one thing, John. Two people can't have much of an evening on a dollar anymore."

State FFA president, Wayne Fletcher, presided over a morning program which included addresses to the group from many state officials and congressmen, including Senator William T. Smith.

Senator Smith stressed the absolute importance of personal commitment to our system of self-government and noted that, as a result of a similar seminar he attended many years ago in Albany, he became involved in politics. Without that experience, he said, he might not have been speaking to the group that day.

Later in the day, the students and teachers walked en masse to the site of the new Empire State Plaza, and were briefed on the purpose and procedures of the Court of Appeals while gathered in its chambers.

A visit to the legislature was also a part of the agenda, but the highlight of the day's events was most certainly a meeting with Governor Malcolm Wilson in the Red Room at the Capitol. The Governor took 40 minutes out of his busy schedule to address the delegates and to respond to questions raised by students.

Students were selected to participate in the seminar on the basis of applications submitted to their respective county Farm Bureau.

(Continued on Page 52)

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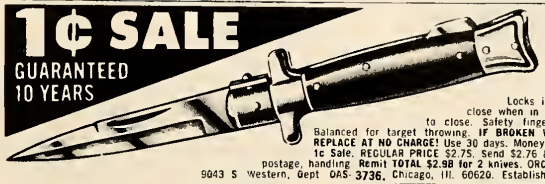

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New York president, Wayne Fletcher, greets his Governor, Malcolm Wilson, at the governmental seminar. Over 250 FFA'ers were on hand for the governor's remarks.

FFA in Action

(Continued from Page 51)

Capitol Sights

A visit to the National FFA Center was the first highlight of a three-day trip to the Nation's Capitol in April for Big Walnut, Ohio, FFA'ers.

The group had a tour through the Center's entire facility to see how the Supply Service works, how the records of members are kept, and to visit with some of the staff.

Another highlight of the trip was the wreath laying ceremony in which delegates from the chapter placed a wreath from the Big Walnut Chapter at the Tomb of the Unknown Soldier in Arlington Cemetery.

Still another highlight was the special tour of the White House made possible through Congressman Samuel Devine. Members were able to see portions of the White House not viewed by the general public. In addition, the group's visit coincided with a day when the White House lawns and gardens were open to the public.

Other points of interest visited by the group were the National Cathedral, National Arboretum, Washington and Lincoln Monuments, and the Smithsonian Institute.

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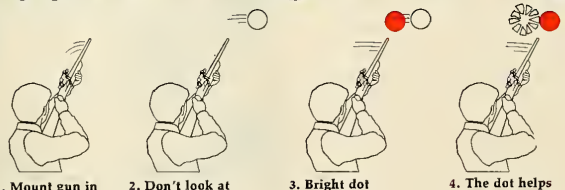

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2. Don't look at gun or Qwik-Point. Watch target WITH BOTH EYES. Don't strain; look at it naturally.
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Governor Ronald Reagan, right, meets with California FFA president, Pete Giacomini, in jacket, and Assistant Advisor Davis, left, after announcing the formation of a State Foundation for FFA. Also on hand were Chairman D. Ross Sullivan, second on the left, and C. Brunel Christensen in back.

SERVICE

Western Art

A Western Art Show was a first time adventure for the Glen Rose, Texas, Chapter during FFA WEEK.

It was a big success for them and they plan to make it an annual affair. Sixty paintings or pieces of art were exhibited by local artists. A student category will be added to next year's show.

An FFA committee was responsible for the show which was on display in their school auditorium.

The chapter also sponsored a very successful rodeo. Theirs is one of the 30 chapter rodeos sponsored by Texas FFA chapters.

After The Storm

The Sheridan FFA of Thornville, Ohio, spent several days cleaning up the debris on the Frank Lones farm near Somerset after a tornado demolished three large barns.

The Lones' are elderly people and were unable to repair the damage.

Thornville, Ohio, members pitched in and cleaned up local tornado damage.

Chapter members spent an entire day piling the wood and separating the metal to be hauled away. Another day was spent in burning, and then the chapter completed the project by picking up many small items that did not burn completely.

The National Gas Company assisted by donating a bulldozer and driver to be used in the work. A major natural gas storage well is located on the farm.

The Sheridan FFA Alumni provided transportation to and from the site. (Denise Miller, Reporter)

Chapter Cleans Up

The 60-member Watertown, Minnesota, Chapter has been named a national winner in the second annual search to find the country's top youth environmental groups conducted by the Ecology Council of America.

The chapter's award-winning program included city-wide operation of a solid waste collection center, open seven days a week, 16 hours per day. The project won the Governor's Citation for the Building Our American Communities program last year. James Peterson is president and Mr. Vernon Richter is advisor.

As a national winner, the chapter will select one student and one faculty member to attend a special three-day youth environmental seminar at American University, Washington, D.C., as guests of Pepsi-Cola Company, sponsors of the Ecology Council of America (ECO America) in cooperation with Keep America Beautiful. The program is also supported by American Airlines.

At the seminar, Watertown FFA will compete with other national winners for three grand prize awards.

Making A Laboratory

The Mason Dixon FFA Chapter at Fairfield, Pennsylvania, is currently in the process of building a six acre outdoor ecological lab on the school grounds. The four-year project is being supervised by David W. Teets, vo-ag instructor.

The laboratory was planned and designed to utilize a portion of the school district's 46-acre education plot to its highest potential. Several questions arose during the planning stages of the project: How to involve the students in career orientation training? How to develop occupational entry skills? How to make the project meaningful and useful for the school and community as a learning facility? Finally, how to attack a briar covered, insect infested, scrub covered, wet, piece of land with a meandering stream to bend "nature's will" to the "will of a group of students" and still retain nature's bounty.

First, study the resources of the area and see what possibilities are available. Next, gather information and suggestions from as many specialists as possible. Explain the plan and obtain infor-

(Continued on Page 54)

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FFA in Action

(Continued from Page 53)

mation from the principal on the correct method and procedure for getting approval from the administration and school board. Draw up the plans, develop a budget, ask the superintendent if funds are available, receive approval from the board of education and finally get to work.

Operation Ecology at Fairfield will include stream improvement devices, managed and unmanaged woodland plots, wildlife border, walk-in blind, geological wall, forestry exhibit, outdoor classroom, tree identification plots, turf plots, golf tee, green and fairway, ecological stations, and a fish nursery in cooperation with the Pennsylvania Fish Commission. There will be a nature trail meandering through the whole six acre lab. All of these exhibits will be used to train students in certain careers and to provide practical training. The lab will also be used by junior high and elementary teachers to educate their students in different aspects of ecology and conservation.

During the past year, the project was initiated and several accomplishments made. These include: removal of dead and diseased trees, clearing of area where golf hole is to be located, construction of tile drainage system, stream improvement devices constructed, nature trail initiated. By the end of school the fish nursery will be completed and 1,000 trout from the fish commission will be put in so they can be stocked in local streams next year.

Memory Joggers

"Farm Animals on the Lawn" Day is an event when the Chaska, Minnesota, Chapter brings their animals to the front yard of Ebenezer Society, a geriatric complex for residents ranging in age from 62 to 102.

"It's a natural instinct to hit back."

Members of the Cresco, Iowa, Chapter maintain the landscape that surrounds the statue in their town in honor of Norman Borlaug, 1970 Nobel Peace Prize winner and former vo-ag student.

The day-long event helps recreate happy memories of early years on the farm for many of the 700 people living at Ebenezer. Animals include a horse, cow and calf, ewe and lamb, goats, pigs, chickens, rabbits, and ducks. Governor Wendell Anderson has signed a special proclamation in honor of the event. Chaska FFA vice president, Roger Mellgren, headed the committee for the event.

"Farm Animals on the Lawn" originated at Ebenezer last summer and has since spread statewide as an official FFA community event where young people bring animals to nursing homes in their local areas.

CONTESTS

Garden Growers

Gardening hasn't been so popular in the United States since World War II. Many people with only a small plot of ground are digging up flowers and substituting beans, squash and onions.

If you should happen to pass a six-acre plot of ground just outside Hazlehurst, Georgia, on Highway 268, you'd likely see many vegetable gardens being carefully tended by high school students. These students—Jeff Davis FFA members—are growing vegetables for the forthcoming Vegetable Festival.

This is the second year for the festival, according to Jeff Davis advisor, B. H. Claxton. The program serves a three-fold purpose. It is another opportunity for FFA members to compete for awards; it provides students who live in town an opportunity to have a project and to grow vegetables for their families; and it is a good "learn by doing" program. The students put into use the things they learn in the vocational agriculture classroom.

The six acres alloted to the students for gardening is divided into small plots and rented to the student according to his family size and needs. Each student is responsible for his own plot—he prepares his land; buys seed; plants; con-

trols insects, weeds and nematodes; fertilizes; and keeps accurate records. The students are expected to plant a variety of vegetables such as corn, okra, snapbeans, peas, carrots, and tomatoes.

Festival day is a big one for the Future Farmers. Display tables hold trays of each member's entries. Vegetables are divided into different classes and judged on firmness, quality, color, and maturity.

Last year's judge was Jim Barber of the Georgia Coastal Plains Experiment Station, in Tifton. The festival was sponsored by four businesses in Hazlehurst —Dan's Farm Supply, Hazlehurst Feed and Seed, Piggly Wiggly, and Farmers Mutual Exchange.

Prize money went to the top three placings in each category—$3.00 for first place, $2.00 for second, and $1.00 for third. A point system was used to determine the top winner of the day.

Eddie Mims was selected as last year's "FFA Vegetable Producer of Jeff Davis County," and will hold the title until a new winner is named this year. Eddie exhibited yellow squash, tomatoes, and cucumbers. He received a trophy for being the top winner.

Vegetables that are not used immediately by the members and their families are canned or prepared for freezing in the county canning plant operated by the teachers of vocational agriculture during the summer months. (Eleanor Gilmer)

Skills Contest

Friona, Texas, copped the state title in the Texas FFA Greenhand Skills Contest in 1974.

The contest is part of a state FFA leadership contest conducted by Sam Houston Collegiate FFA. It began in 1931 and has grown to be a major association activity.

Sections of the contest rank Greenhand or Chapter Farmer teams in four major categories: chapter conducting; farm skill demonstration; farm radio; and FFA quiz.

According to Friona advisor, Benny Pryor, "Our skill deals with the setting

(Continued on Page 56)

Team members were proud of the victory in the State Greenhand Skills Contest.

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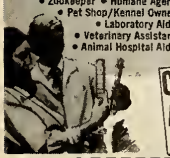

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FFA in Action

(Continued from Page 55)

up of a temporary fence. In our skill we demonstrate selection of controllers, setting and bracing post, attaching insulators to post, attaching wire to insulators, splicing wire and making a gate while building the temporary electric fence.

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Pull Down

The Boonsboro, Maryland, Chapter organized a tractor pulling contest for all FFA members in the state.

Those chapters which participated were Boonsboro, Gaithersburg, Williamsport, Frederick, and Middletown. Twenty FFA members entered with 37 tractors competing.

A purse of $280 was distributed and awarded to the nine classes. Plaques were also awarded to first place winners. An exhibition show featuring Kay's Delight, Jimmy Kendle, Tom Savage, and Glen Darnell was performed for a school audience.

The tractor pull began at 11:00 a.m. with nine classes consisting of the 4, 5, 7, 9, 12, 15, and 18 thousand pound, plus 12,000 and 9,000 pound open.

Those who worked to stage the tractor pull under the direction of Advisor Bill Allenberg were Kenny Thomas, Scott Fales, Denny Price, Dave Moore, Terry Harnish, Tim Leizear, Tom Castle, and John Griffith.

COLLEGIATE

Collegiate Chartered

The Cornell Collegiate FFA Chapter received its charter at the New York Association State Convention.

State President Wayne Fletcher presented the charter to Collegiate Chapter President John Welser.

Advisors for the Collegiate FFA are Cornell faculty members Professor William Drake and Mr. Allen Perry.

The Collegiate chapter provided a parliamentarian and recording secretary for the association's meeting.

Former FFA'ers attending Cornell formed the Collegiate chapter this year. It is the second attempt as another chapter was formed in 1939. (Janet Golub, Vice President)

The state FFA president presented a new charter to Cornell Collegiate FFA.

Seed Senders

The Penn State Collegiate FFA began a seed distribution program four years ago to help fight the world hunger problem around the world. The project began when Mr. Robert Phipps, a Penn State agricultural education graduate, who was working with the International Refugee Corps (IRC), wrote to the chapter requesting seeds to feed refugees. The members decided to spend $20.00 on the project, and when Agway Cooperative was approached they also put $20.00 into the fund. The seeds were sent to Vietnam where they were used to help the hungry; and the IRC returned pictures of the crops grown from the seeds.

At right, Kent Strock, the chairman of the seed committee for developing countries, confers with Agway official.

After a taste of helping others, the members of the Collegiate chapter decided to continue the project with Vietnam and try to find other countries to help. This is exactly what happened and is still happening today.

Besides working through the IRC, the chapter also works through the Mennonite Church. Agway still matches funds for seeds and they have been joined by the Burpee Seed Company. Last year $200 was invested in sending the seeds to Jordan and Lebanon. This year the goal is at least $300 to Jordan, Lebanon, and several other seed requesting countries. In fact the chapter

has more requests than they can provide for with the funds available. (Roger Reichenbach, Vice President)

RECREATION

Season Undefeated

The Black River Falls, Wisconsin, Future Farmers have completed a very successful season of basketball with neighboring chapters. Their record is 9-0 with dual wins over Melrose-Mindoro, Taylor, Sparta, Tomah, and a single win over Blair.

The team scored a total of 525 points for an offensive average of 58.3 points per game and allowed only 325 points on defense for an average of 35 points.

The leading scorers were Tony Smetana with 126 points for an average of 14 points per game, closely followed by Dale Koranda with 125 points for a 13.8 points per game, along with Jon Larson's total of 92 points for 11.5 points, and Robert Wyss 10.5 points per game with a total of 84 points.

The rest of the team consisted of Brian Dobson, Jeff Trones, John Carpenter, Lonnie Stenulson, Tim Frank, Richard Olson, Willard Mach, Chris Mach, and Ricky Millis. Coach is Advisor Clifford Fisher.

FFA basketball is for recreation and no chapter may play members of a school basketball squad, or on a school wrestling squad.

"Although we play the game to win, everyone plays in each game and we are also interested in fellowship with the competition."

Western Riders

On May 27, members of the Grantsville, Utah, FFA Chapter embarked on another adventure which would again give each member a taste of what the "old West" was really like. This was the chapter's eighth annual 100-mile trail ride. The 35 members and 5 adults journeyed by horseback for four days, wending their way over the snow packed mountain passes and across the dry and dusty windswept desert.

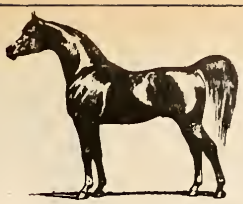
A 100-mile trail ride for Grantsville, Utah, FFA'ers was long enough for them to get a real taste of the old west.

That evening the members enjoyed a swim at a spring called Rock Bottom which is located in Skull Valley. The members found that the mineral waters were relaxing and soothing for the new worn saddle sores of the 9-hour ride. Back in camp the riders had a "dutch oven" dinner of chicken, potatoes, carrots, parsnips, and all the trimmings. This was added to by two members, Brent Marshall and Rick Diderickson, who served fresh fried rattlesnake.

The second day they traveled across the hot and dusty desert foothills and across the Goshute Indian Reservation to Condie Meadow. After the evening meal an FFA meeting was held during which the members who had participated in three trail rides received a bronze medallion, those participating for four years received a silver medallion. The medallion pictures a man and his horse on one side, the other with the inscription, "Grantsville FFA Trail Rides." After other items of business were taken care of the chapter proceeded with ceremonies for the installation of the 1974-75 officers.

"Two hundred miles and four days later we had reached our goal and accomplished our purpose. As each rider unsaddled his horse he realized that he had met the challenge. He had had a taste of what it must have been years ago to live in the saddle and face some of the hardships of the "old West." (Teryl Hunsacker, Advisor)

These basketball stars finished their season against other chapters at 9 and 0.



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Husband talking to his wife at the dinner table: *"I finally got our lawn mower back that the neighbors borrowed. I bought it at their garage sale."*

Rosemary Coufal
Howells, Nebraska

Jane: *"How is your little brother, Joe?"*
Joe: *"Sick in bed. He hurt himself."*
Jane: *"Too bad. How did he do it?"*
Joe: *"We were playing who could lean farthest out of the window. He won."*

Rodney Crane
Willits, California

Ike: *"How is a teacher different from a train?"*
Jake: *"The train says 'chew, chew.' The teacher says, 'spit your gum out!'"*

Tana Sellner
Delhi, Iowa

Nit: *"What would a man be who was born in Japan, raised in Africa, went to school in Mexico, worked in Alaska, dated in China, married in Spain, died in Turkey, had his funeral in Singapore and was buried in Canada?"*
Wit: *"I don't know."*
Nit: *"Dead."*

Val Simpson
Dixie, Georgia

"You seem to be nervous about being the next speaker on the program," a woman said to an obviously tense man.
"Me, nervous?" he said. *"Not at all!"*
"Then what are you doing in the Ladies Room?"

Kathleen Schliebe
Beaverton, Oregon

A fellow bounded home from work, kissed his wife, and asked, *"What's for dinner?"*
"Charles steak," she replied. *"At today's prices 'chuck' seems a bit undignified."*

Paul Fromme
Franklin, Illinois

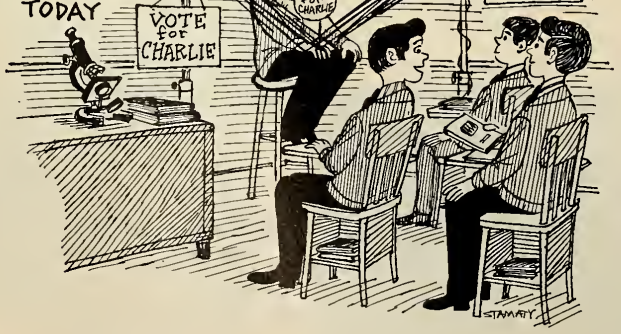
Bill: *"Why is it not so expensive to feed a great big tall giraffe?"*
Jill: *"I don't know."*
Bill: *"Because he makes a little food go a long way."*

Liz Ham
Lancaster, Ohio

Somebody asked a college professor how science helped business. He replied: *"What would the suspender business be without the law of gravitation?"*

Bobbie Brantley
Avinger, Texas

Charlie, the Greenhand



"In order to get elected in this chapter, first *you've got to be noticed."*

Bill: *"Where do old Volkswagens go?"*
Mike: *"To the Old Volks Home."*

Jody Westberg
Pepin, Wisconsin

Janie: *"What can a dog do on three legs, a man do on two legs, and a woman sitting down?"*
Jackie: *"I don't know."*
Janie: *"Shake hands."*

Janie Blakeman
Greensburg, Kentucky

Question: Why is a crossword puzzle like a quarrel?
Answer: One word leads to another.

Paul Smart
Rolla, Missouri

Ed: *"Where's the English channel?"*
Jeff: *"I don't know. I guess we don't get it on our television."*

Larry Block
Waubay, South Dakota

Joshua: *"You sure look pretty dirty."*
Sam: *"Why, thank you. I look pretty when I'm clean, too."*

Pam Hinson
Mt. Pleasant, North Carolina

One day Tucker and David went fishing and they caught a lot of fish so Tucker told David to mark the spot. The next day Tucker asked David if he marked the spot. He said he put an "X" in the bottom of the boat and Tucker said, *"Are you crazy, we might not get the same boat!"*

Dwight Jackson
Manila, Arkansas

Father: *"My kid talks two languages —English and back."*

Richard Frautschi
Wishek, North Dakota

"What became of the hired hand you got from the city—the one who used to be a chauffeur?"
"He crawled under a mule to see why it wouldn't go."

Rhonda Schnuelle
Jansen, Nebraska

A minister told his congregation that the following week he would preach on lying. He asked them in the meantime to read the 17th Chapter of Mark.
The next Sunday he asked from the pulpit how many had done the reading he assigned. A number of hands went up. *"I see,"* said the minister. *"You are the very people I wish to reach. There is no 17th Chapter in Mark."*

Alton Schaefer
Norton, Texas

The National FUTURE FARMER *will pay $1.00 for each joke selected for publication on this page. Jokes must be submitted on post cards addressed to* The National FUTURE FARMER, *Alexandria, Virginia 22309. In case of duplication, payment will be for the first one received. Contributions cannot be acknowledged or returned.*

SIDEKICKS

There isn't a more recognizable sidekick on television today than Ken Curtis.* There isn't a more recognizable leader in handcrafted boot wear than Tony Lama. Like "Gunsmoke," Tony Lama is more than a name. It's craftsmanship. It's people who take pride in the work they do to give you the finest western boots that are long on comfort and durability, and, high in style.

CHILDREN'S
STOCK #1030

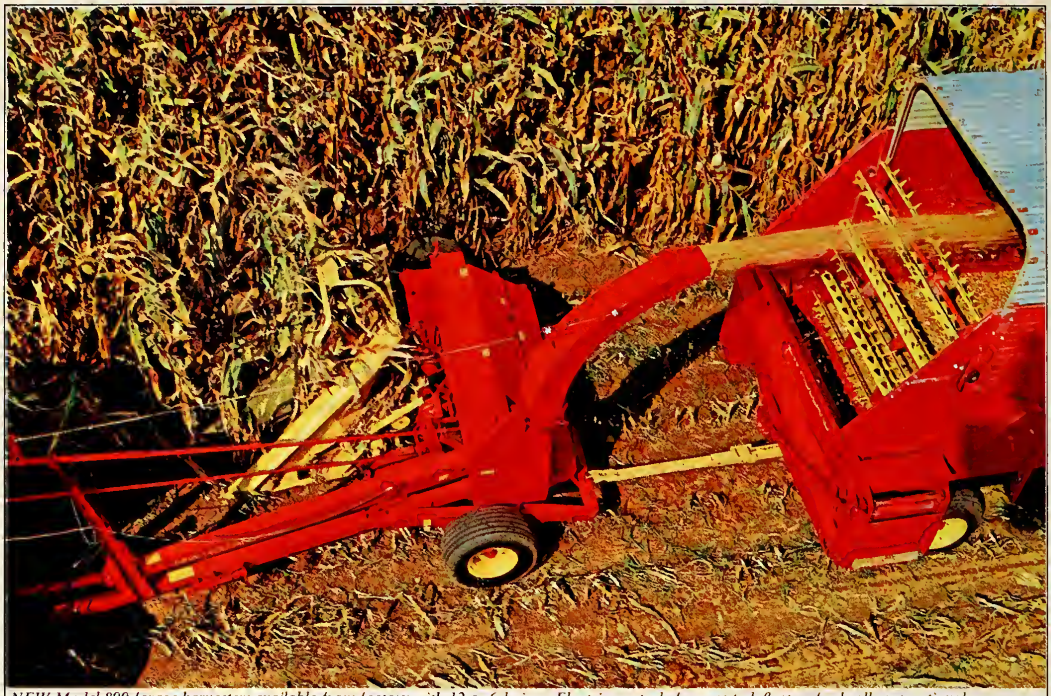
STOCK #8030

Tony Lama®
COMPANY, INC.

P. O. DRAWER 9518/EL PASO, TEXAS 79985

STOCK #6230

*Ken portrays "Festus" in the longest running TV series, "Gunsmoke".



NEW Model 890 forage harvester: available from factory with 12 or 6 knives. Electric controls for spout, deflector, feed rolls are optional.

Introducing the Sperry New Holland '890.' A 12-knife cylinder gives you the cutting edge you've always wanted.

Here the cutting edge refers to the dozen knives on the cutterhead that chop silage as fine as ⅛ inch—even without a screen.

But even more important is the cutting edge that farmers have come to expect simply from the way our machines are designed and built to be durable and dependable.

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We're a good company to get to know. If you'd like more information, write to Dept. 215, Sperry New Holland Division of Sperry Rand Corporation, New Holland, Pennsylvania 17557.

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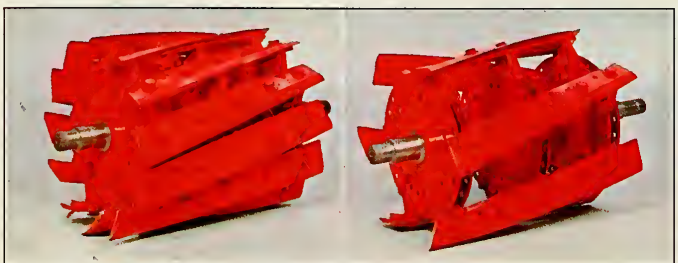

Choose the exclusive 12-knife cutterhead . . . or this 6-knife unit.

New! Snapper head for ear corn silage.